

INSTRUCTION BOOK

GRASS BAGGER for 76cm Riding Mower

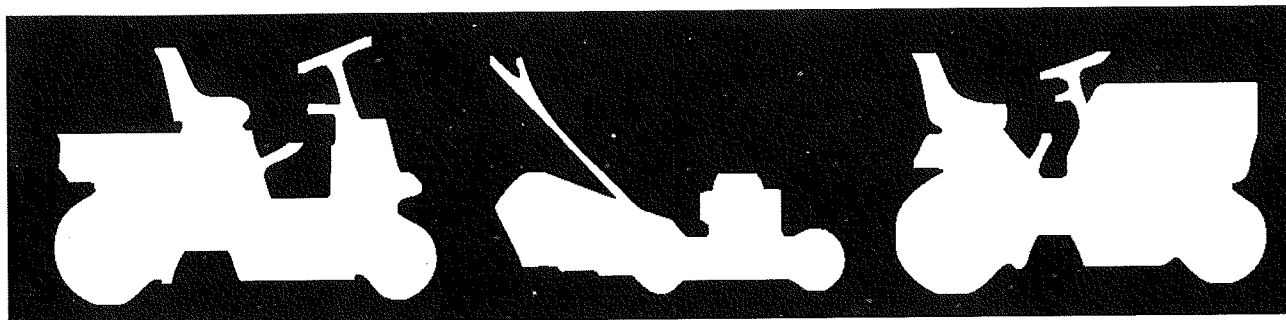
This Instruction Book contains information for several models.
Read and keep this book for future reference.
This book contains important information on
SAFETY, ASSEMBLY, OPERATION, AND MAINTENANCE.

PRODUCT INFORMATION

The owner must be certain that all
the product information is included with the unit.

This information includes
the INSTRUCTION BOOKS,
the REPLACEMENT PARTS and the WARRANTIES.

This information must be included to make sure state laws and other laws
are followed.



RECORD THE FOLLOWING INFORMATION ABOUT YOUR UNIT. THIS
INFORMATION IS NECESSARY WHEN ORDERING PARTS OR IN CASE
OF LOSS OR THEFT.

WHERE PURCHASED: _____.

DATE PURCHASED: Month _____ Day _____ Year _____.

MODEL NO.: _____ DATE OF MANUFACTURE: _____.

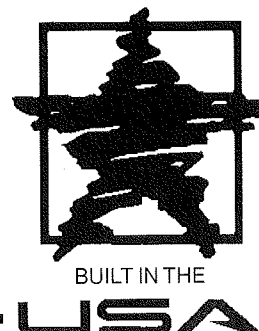


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MURRAY, INC. Limited Warranty

OUTDOOR POWER EQUIPMENT ACCESSORIES

Murray, Inc. warrants to the original user–purchaser that this outdoor power equipment accessory shall be free from defects in material and workmanship under normal use and service for the periods of time set forth below. All time periods start with the date of purchase. This limited warranty does not cover outdoor power equipment units such as walk behind or riding lawnmowers, as well as components of those units, such as engines and gearboxes, which are warranted by their respective manufacturers. If you are uncertain whether your unit is covered by this Outdoor Power Equipment Accessory Limited Warranty or by an original equipment warranty, consult your dealer prior to purchase. Subject to the conditions and exclusions noted in this Limited Warranty, we shall, at our option, repair or replace any warranted part during the applicable warranty period.

In the event that any metal component of your unit proves defective within two (2) years from the date of purchase, we will repair or replace the component without charge. If any non–metal component (such as fabric grass bag or plastic part) proves defective within one hundred eighty (180) days from the date of purchase, we will repair or replace the part without charge.

This Limited Warranty is your exclusive remedy and does not apply to any unit that has been tampered with, altered, misused, abused or used for rental or other commercial and/or professional (non–homeowner) uses. This Limited Warranty does not cover minor mechanical adjustments which are not due to any defect in material or workmanship. For assistance in making such adjustments, consult your Instruction Book.

To make a claim under this Limited Warranty, return the unit (or if authorized in advance in writing, the defective part) along with your proof of purchase to the nearest Authorized Service Center near you. To locate the nearest Authorized Service Center, call the Central Parts Distributor for your area shown in the list provided with your unit or with the Murray outdoor power equipment which you purchased or check the Yellow Page listings in your local telephone directory. If you return the entire unit, we will repair the unit. If we authorize the return of the defective part only, we will either replace or repair the part. In the case of a defect in a non–metal part which we elect to repair rather than replace, we assume no responsibility for making the appearance of the repaired part conform to the appearance of the part as originally sold.

This Limited Warranty gives you specific legal rights, and you may also have other rights which vary from state to state. If you need additional information on this written warranty or assistance in obtaining service, write: **MURRAY, INC.**, Outdoor Power Equipment, Customer Service Department, P.O. Box 268, Brentwood, Tennessee 37027.

IMPORTANT

OWNER'S INFORMATION

This instruction book is for several different models. The instructions are written for a person with some mechanical ability. Like most service books, not all the steps are described. Steps on how to loosen or tighten fasteners are steps anyone can follow with some mechanical ability. Read and follow these instructions before you use the unit.

Know your product: If you understand the unit and how the unit operates, you will get the best performance. As you read this manual, compare the illustrations to the unit. Learn the location and the function of the controls. To help prevent an accident, follow the operating instructions and the safety rules. Keep this manual for future reference.

IMPORTANT: Many units are not assembled and are sold in cartons. It is the responsibility of the owner to make sure the assembly instructions in this manual are exactly followed. Other units are purchased in an assembled condition. On assembled units, it is the responsibility of the owner to make sure the unit is correctly assembled. The owner must carefully check the unit according to the instructions in this manual before it is first used.

RESPONSIBILITY OF THE OWNER

The responsibility of the owner is to follow the instructions below.

1. Carefully read and follow the rules for safe operation.
2. Follow all the assembly instructions.
3. Inspect the unit.
4. Make sure that the operator of the unit knows how to correctly use all standard and accessory equipment.
5. Operate the unit only with guards, shields, and other safety items in place and working correctly.
6. Correctly adjust the unit.
7. Service the unit only with authorized or approved replacement parts.
8. Complete all maintenance on the unit.

Environmental Awareness

- Do not fill the engine's fuel tank completely full.
- Drain fuel for off-season storage.
- Use only unleaded gasoline.
- Service the air cleaner regularly.
- Change oil regularly. Use 30W oil in summer.
- Tune-up the engine regularly.
- Keep equipment in efficient operating condition.
- Dispose of used engine oil properly.

SAFETY RULES



WARNING: This cutting machine is capable of amputating hands and feet and throwing objects. Failure to observe the following safety instructions could result in serious injury or death to the operator or bystanders.

GENERAL OPERATION:

1. Read, understand and follow all instructions in the Instruction Book, on the machine, the engine and with any attachments before starting.
2. Only allow responsible adults familiar with the instructions to operate the machine.
3. Clear the area of objects such as rocks, toys, wire, etc. which could be picked up and thrown by the blade.
4. Be sure the area is clear of other people before mowing. Stop the machine if anyone enters the area.
5. Never carry passengers.
6. Disengage power to the mower or any attachments before backing up. Do not mow in reverse unless absolutely necessary. Always look down and behind before and while backing.
7. Be aware of the direction the mower discharges. Do not point discharge from the mower at anyone or at places where people may be. Do not operate the mower without either the entire grass bagger or the mower guard in place.
8. Slow down before turning.
9. Never leave a machine unattended with the engine running. Always disengage the blade(s), set the parking brake, stop the engine and remove the key before dismounting.
10. Disengage power to attachment(s) when transporting or not in use. Disengage the blade(s) when not mowing.
11. Stop the engine before removing the grass bagger or unclogging the chute.
12. Mow only in daylight or good artificial light.
13. Do not operate the machine while under the influence of alcohol or drugs or when very tired.
14. Watch for traffic when operating near or crossing roadways.
15. Use extra caution when loading or unloading the machine when using a trailer or truck for transporting.
16. Disengage all attachment clutches and shift into Neutral before attempting to start the engine.
17. Always wear safety glasses or an eye shield when you operate the unit to protect your eyes from foreign objects that can be thrown from the unit. Always wear eye protection when you make an adjustment or repair to the machine.
18. Use care when pulling loads or using heavy equipment.
 - a. Use only approved drawbar hitch points.
 - b. Limit loads to those you can safely control.
 - c. Do not turn sharply. Use care when backing.
 - d. Use counterweights or wheel weights when suggested in the Instruction Book.

IMPORTANT

19. Do not operate this machine if you are taking drugs or other medication which can cause drowsiness or affect your ability to operate this machine.
20. Do not use this machine if you are mentally or physically unable to operate this machine safely.

SLOPE OPERATION:

Slopes and rough terrain are major factors related to loss of control and tip over accidents which can result in severe injury or death. **ALL slopes require extra caution. If you cannot back up the slope or if you feel uneasy on the slope, do not mow it. See the "Slope Guide" in the back of this book to check for safe operation.**

DO

1. Mow up and down slopes, not across.
2. Remove obstacles such as rocks, limbs, etc...
3. Watch for holes, ruts or bumps. Uneven terrain could overturn the machine. "Tall grass can hide obstacles."
4. Use slow speed. Choose a low enough gear so that you will not have to stop or shift while on the slope.
5. Follow the manufacturer's recommendations for wheel weights or counterweights to improve stability.
6. Use extra care with grass baggers or other attachments, they can change the stability of the machine.
7. Keep all movement on the slopes **slow and gradual**. Do not make sudden changes in speed or direction.
8. Avoid starting or stopping on a slope. If tires lose traction, disengage the blades and proceed slowly **straight down** the slope.

DO NOT

1. **Do not** turn on slopes unless absolutely necessary, then only turn slowly and gradually downhill, if possible.
2. **Do not** mow near drop-offs, ditches or embankments. A wheel over the edge or an edge caving in could cause a sudden overturn and an injury or death.
3. **Do not** mow on wet grass. Reduced traction could cause sliding.
4. **Do not** try to stabilize the machine by putting your foot on the ground.
5. **Do not** use a grass bagger or other rear mounted accessories on steep slopes (greater than 10 degrees).

CHILDREN:

Tragic accidents can occur if the operator is not alert to the presence of children. Children are often attracted to the machine and the mowing activity. **NEVER assume that children will remain where you last saw them.**

1. Keep children out of the mowing area and in the watchful care of an adult other than the operator.
2. Be alert and turn the engine off if children enter the area.
3. Before and when backing, look **behind and down** for small children.
4. Never carry children or any passengers. They may fall off and be seriously injured or interfere with the safe operation of the machine.
5. Never allow children to operate the machine. Instruct children in the dangers of the machine.
6. Use extra care when approaching blind corners, shrubs, trees or other objects that may obscure vision.

SERVICE:

1. Use extra care when handling gasoline and other fuels. Fuels are flammable and the vapors are explosive.
 - a. Use only an approved container.
 - b. Never remove the gas cap or add fuel with the engine running. Allow the engine to cool for several minutes before refueling. Do not smoke.
 - c. Never refuel the machine indoors.
 - d. Never store the machine with fuel in the tank or fuel container inside where there is an open flame, such as a water heater.
2. Never start or run the engine inside a closed area.
3. Keep all nuts and bolts, especially the blade attachment nuts tight. Frequently check the blade(s) for wear or damage such as cracks and nicks. A blade that is bent or damaged must be immediately replaced with an original equipment blade from an authorized service dealer. For safety, replace the blade every two years. Keep the equipment in good condition.
4. Never tamper with the safety devices. Check their proper operation regularly.
5. To reduce fire hazards keep the machine free of grass, leaves or other debris build-up. Clean up oil or fuel spills. Allow the machine to cool before storing.
6. Stop and inspect the equipment if you strike an object. Repair, if necessary, before restarting.
7. Never make adjustments or repairs with the engine running. Do not change the engine governor settings or over-speed the engine.
8. Grass bagger components are subject to wear, damage and deterioration, which could expose moving parts or allow objects to be thrown. For storage, always make sure the grass bag is empty. Frequently check components and replace with manufacturer's recommended parts when necessary.
9. Mower blade(s) are sharp and can cut. Wrap the blade(s) or wear gloves and use extra caution when servicing them or the blade housing area.
10. Check the brake operation frequently. Adjust and service as required.
11. Wait for all movement to stop before servicing any part of the unit.



Look for this symbol to indicate important safety precautions. This symbol indicates: "Attention! Become Alert! Your Safety Is At Risk."

IMPORTANT

SAFE OPERATION PRACTICES FOR RIDE-ON (RIDING) ROTARY MOWER MACHINES

Training

1. Read the instructions carefully. Be familiar with the controls and the proper use of the equipment.
2. Never allow children or people unfamiliar with these instructions to use the mower. Local regulations may restrict the age of the operator.
3. Never mow while people, especially children, or pets are nearby.
4. Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.
5. Do not carry passengers.
6. All drivers should seek and obtain professional and practical instruction. Such instruction should emphasize:
 - a. the need for care and concentration when working with ride-on machines;
 - b. control of a ride-on machine sliding on a slope will not be regained by the application of the brake. The main reasons for loss of control are:
 - insufficient wheel grip;
 - being driven too fast;
 - inadequate braking
 - the type of machine is unsuitable for its task;
 - lack of awareness of the effect of ground conditions, especially slopes;
 - incorrect hitching and load distribution.

Preparation

1. While mowing, always wear substantial footwear and long trousers. Do not operate the equipment when barefoot or wearing open sandals.
2. Thoroughly inspect the area where the equipment is to be used and remove all objects which may be thrown by the machine.
3. **WARNING – Petrol is highly flammable.**
 - a. Store fuel in containers specifically designed for this purpose.
 - b. Refuel outdoors only and do not smoke while refuelling.
 - c. Add fuel before starting the engine. Never remove the cap of the fuel tank or add petrol while the engine is running or when the engine is hot.
 - d. If petrol is spilled, do not attempt to start the engine but move the machine away from the area of spillage and avoid creating any source of ignition until petrol vapors have dissipated.
 - e. Replace all fuel tanks and container caps securely.
4. Replace faulty silencers.
5. Before using, always visually inspect to see that the blades, blade bolts and cutter assembly are not worn or damaged. Replace worn or damaged blades and bolts in sets to preserve balance.
6. On multi-blade machines, take care as rotating one blade can cause other blades to rotate.

Operation

1. Do not operate the engine in a confined space where dangerous carbon monoxide fumes can collect.
 2. Mow only in daylight or in good artificial light.
 3. Before attempting to start the engine, disengage all blade attachment clutches and shift into neutral.
 4. Do not use on slopes of more than 10 degrees.
 5. Do not use on slopes of more than 10 degrees unless a roll over protective structure is fitted.
- Remember there is no such thing as a "safe" slope. Travel on grass slopes requires particular care. To guard against over-turning:
- a. do not stop or start suddenly when going up or downhill;

- b. engage clutch slowly, always keep machine in gear, especially when travelling downhill;
 - c. machine speeds should be kept low on slopes and during tight turns;
 - d. stay alert for humps and hollows and other hidden hazards;
 - e. never mow across the face of the slope, unless the mower is designed for this purpose.
7. Use care when pulling loads or using heavy equipment.
 - a. Use only approved drawbar hitch points.
 - b. Limit loads to those you can safely control.
 - c. Do not turn sharply. Use care when reversing.
 - d. Use counterweight(s) or wheel weights when suggested in the Instruction Book.
 8. Watch out for traffic when crossing or near roadways.
 9. Stop the blades rotating before crossing surfaces other than grass.
 10. When using any attachments, never direct discharge of material toward bystanders nor allow anyone near the machine while in operation.
 11. Never operate the mower with defective guards or shields, or without safety protective devices in place.
 12. Do not change the engine governor settings or overspeed the engine. Operating an engine at excessive speed may increase the hazard of personal injury.
 13. Before leaving the operator's position
 - a. disengage the power take-off and lower the attachments;
 - b. change into neutral and set the parking brake;
 - c. stop the engine and remove the key.
 14. Disengage drive to attachments, stop the engine, and disconnect the spark plug wire(s) or remove the ignition key
 - a. before cleaning blockages or unclogging chute;
 - b. before checking, cleaning or working on the mower;
 - c. after striking a foreign object. Inspect the mower for damage and make repairs before restarting and operating the equipment;
 - d. if the machine starts to vibrate abnormally (check immediately).
 15. Disengage drive to attachments when transporting or not in use.
 16. Stop the engine and disengage drive to attachment
 - a. before refuelling;
 - b. before removing the grass catcher;
 - c. before making height adjustment unless adjustment can be made from the operator's position.
 17. Reduce the throttle setting during engine run-out and, if the engine is provided with a shut-off valve, turn the fuel off at the conclusion of mowing.

Maintenance and Storage

1. On multi-blade machines, take care as rotating one blade can cause other blades to rotate.
2. When machine is to be parked, stored or left unattended, lower the cutting means unless a positive mechanical lock is used.
3. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
4. Never store the equipment with petrol in the tank inside a building where fumes may reach an open flame or spark.
5. Allow the engine to cool before storing in any enclosure.
6. To reduce the fire hazard, keep the engine, silencer, battery compartment and petrol storage area free of grass, leaves, or excessive grease.
7. Check the grass catcher frequently for wear or deterioration.
8. Replace worn or damaged parts for safety.
9. If the fuel tank has to be drained, this should be done outdoors.

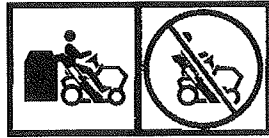
ASSEMBLY

INTERNATIONAL SYMBOLS

IMPORTANT: The following symbols are located on your unit or on literature supplied with the product. Before you operate the unit, learn and understand the purpose for each symbol.



IMPORTANT
Read Owner's Manual Before
Operating This Machine.



WARNING
Do Not Operate Unless Entire
Grass Bagger Is Installed.

ASSEMBLY

Read and follow the assembly and adjustment instructions for your

mower. All fasteners are in the parts bag. Do not discard any parts or material until the unit is assembled.



WARNING: Before doing any assembly or maintenance to the mower, remove the wire from the spark plug.

NOTE: In this instruction book, left and right describe the location of a part with the operator on the seat.

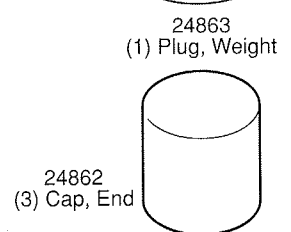
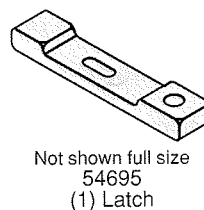
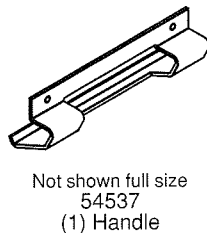
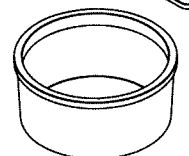
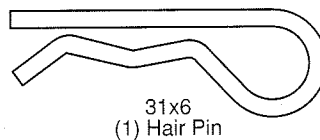
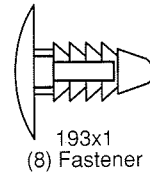
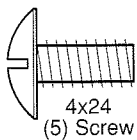
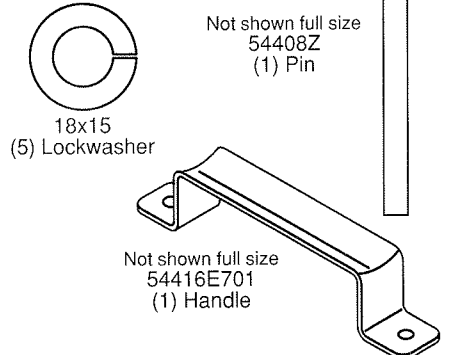
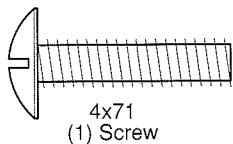
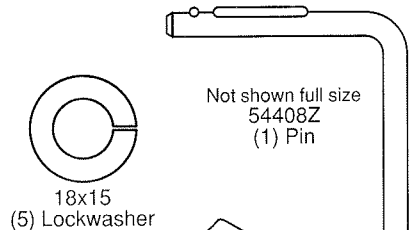
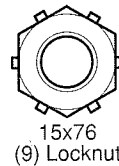
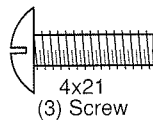
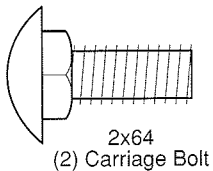
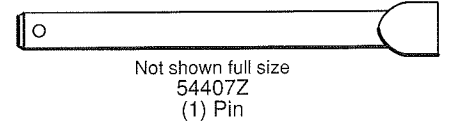
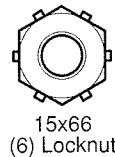
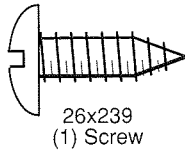
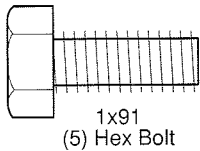
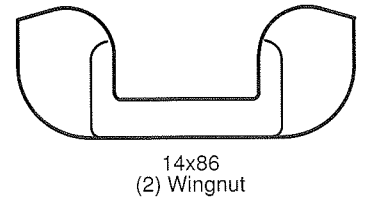
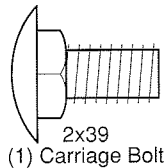
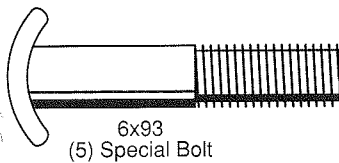
NOTE: Torque is measured in foot pounds (metric N.m). This measurement describes how tight a nut or bolt must be. The torque is measured with a torque wrench.

TOOLS REQUIRED

Pliers (1)
Adjustable open end wrenches (2)
Blade type screwdriver (1)
Phillips screwdriver (1)

GRASS BAGGER PARTS BAG – CONTENTS

The fasteners and other loose parts are shown below. The fasteners are shown at full size. The quantity is shown in brackets (). On some models, all of the fasteners are not required.

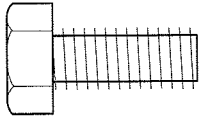


ASSEMBLY

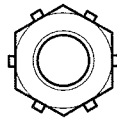
HOW TO MOUNT THE FRAME ASSEMBLY

IMPORTANT: Note the bolt in Figure 1 that was installed at the factory. Use this bolt to attach the frame bracket.

1. Set the **frame bracket** in position on the rear of the frame (Figure 1). Use the **bolt** that was installed at the factory.
2. Hold the **support bracket** on the inside of the frame. Align the holes in the **support bracket** with the holes in the frame and the **frame bracket**. Fasten with the fasteners shown full size below. Tighten the fasteners only with your fingers.



(A)
1x91



(B)
15x76

3. Carefully follow the procedure below to tighten the fasteners. This procedure is necessary to lock the **frame bracket** and the **support bracket** in place. See the procedure steps in Figure 1.
First: Tighten bolt (A), located next to the tire, with a wrench.
Next: Tighten the two bolts (A), located at the back of the frame.
Last: Tighten the top two fasteners.

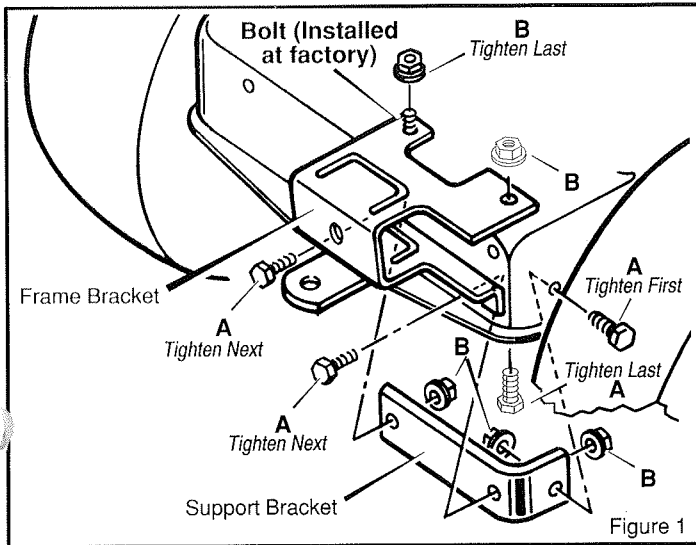


Figure 1

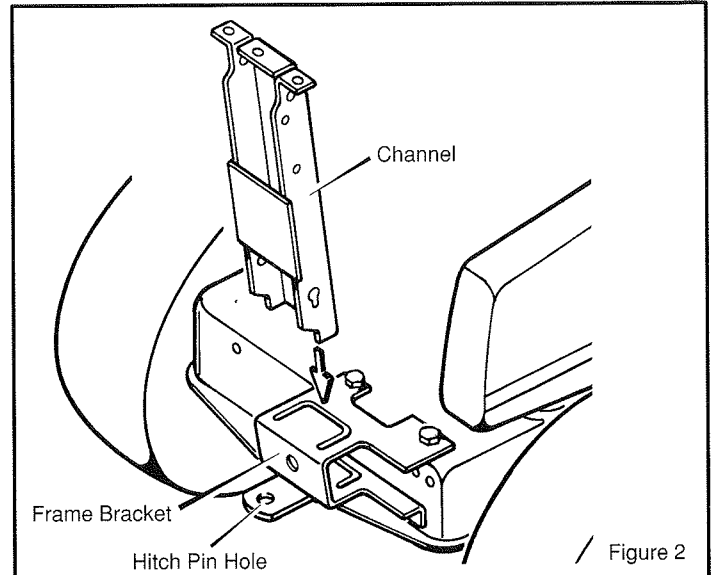


Figure 2

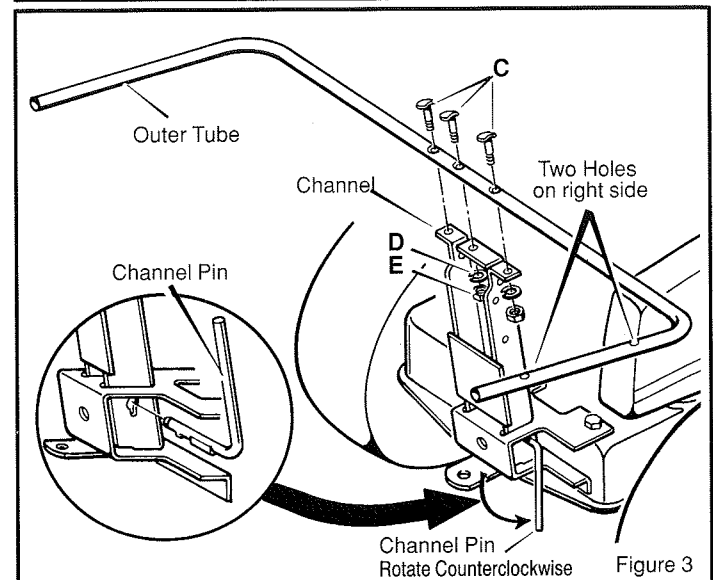
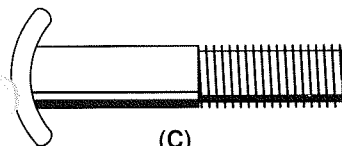
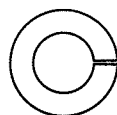


Figure 3

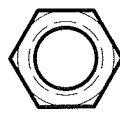
4. Mount the **channel** in the **frame bracket** (Figure 2).
IMPORTANT: If you remove the grass bagger to mount a different pull-behind attachment, do not remove the frame bracket. Use the hitch pin hole in the frame bracket to mount a different attachment.
5. Install the **channel pin** into the right side of the **channel** (Figure 3). Rotate the **channel pin** counterclockwise to lock the **channel** in place.
6. Mount the **outer tube** to the **channel**. Make sure the **two holes**, on the side of the **outer tube**, are on the **right side** (Figure 3). Use the fasteners shown full size below. Make sure the fasteners are tight.



(C)
6x93



(D)
18x15



(E)
15x32

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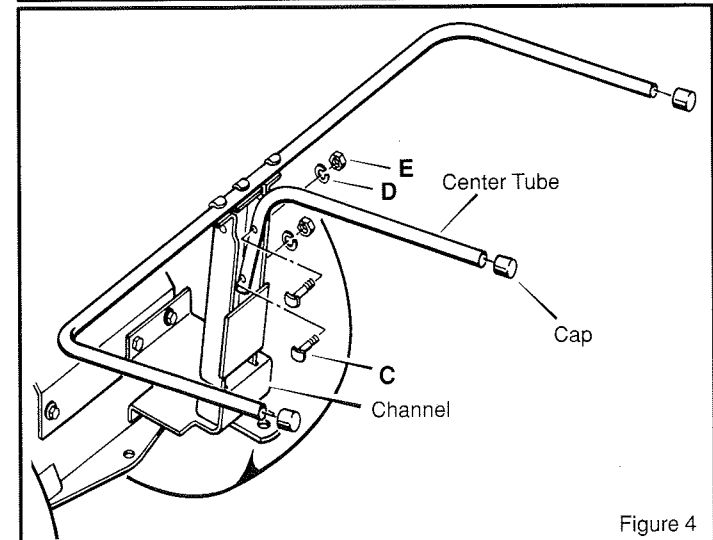


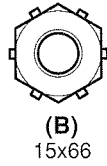
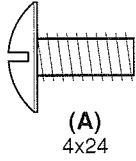
Figure 4

7. Mount the **center tube** to the **channel** (Figure 4). Make sure the fasteners are tight.
8. Attach the **caps** to the ends of the **tubes** (Figure 4).

ASSEMBLY

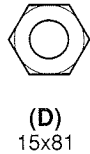
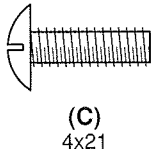
HOW TO MOUNT THE COVER

1. Assemble the **hinge** to the **cover** (Figure 5). The fasteners are shown full size below. Push the **hinge** toward the top of the **cover**. Make sure the screws are at the bottom of the holes in the **hinge**. Tighten the fasteners.

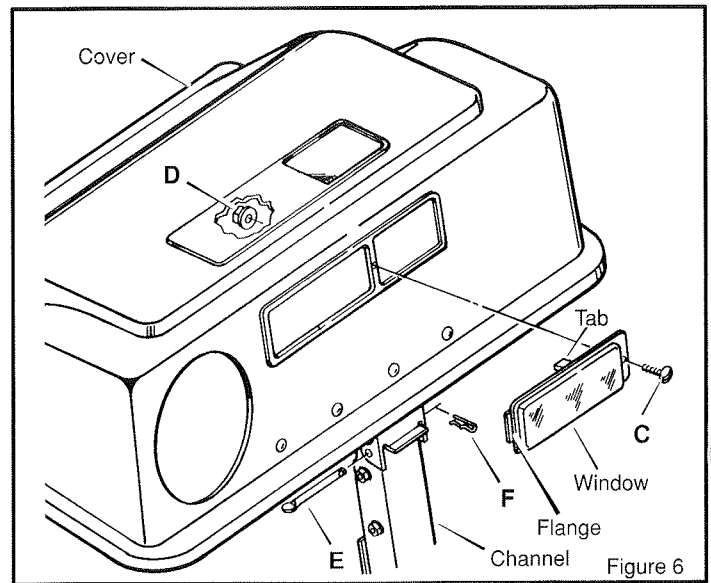
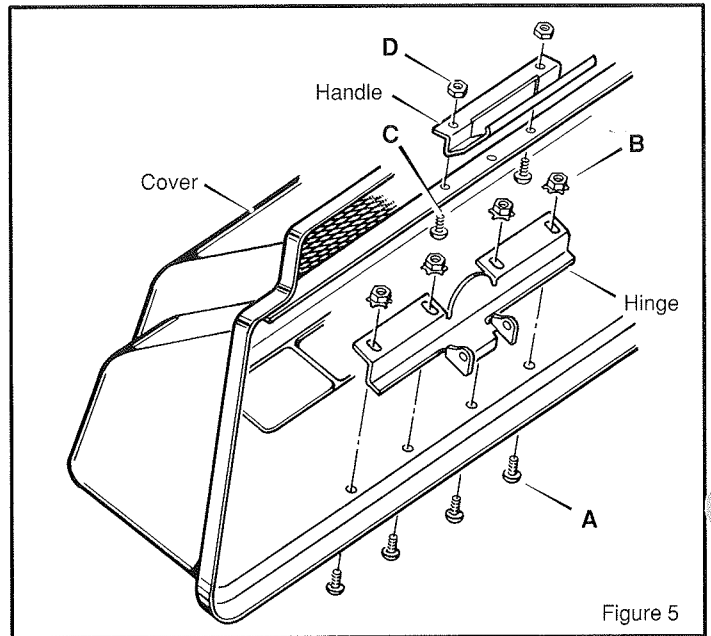
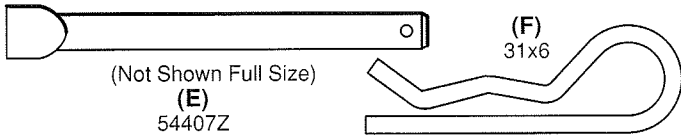


2. Attach the **handle** to the **cover** with the fasteners as shown. Tighten the fasteners.

3. Attach the **window** to the **cover** with the fasteners (Figure 6). Make sure the **flange** and the two **tabs** are locked inside the **cover**.



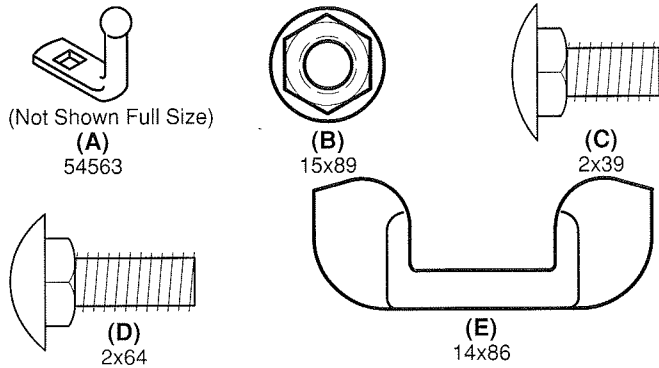
4. Set the **cover** in the operating position on top of the outer tube. Fasten the **hinge** to the **channel** with the fasteners shown below.



ASSEMBLY

HOW TO MOUNT THE EXTENSION TUBE

1. Attach latch pin (A) to the **extension tube** with the fasteners shown full size below.



2. Disconnect the wire from the spark plug. Raise the **deflector**. Rotate the blade away from the discharge opening.



WARNING: The blade has sharp edges. Always be careful of the position of the blade.

3. Slide the **extension tube** under the **deflector** (Figure 7).

Slide the bracket toward the front (Figure 8). Make sure the **tabs** on the **bracket** lock behind the **nuts** (Figure 9).

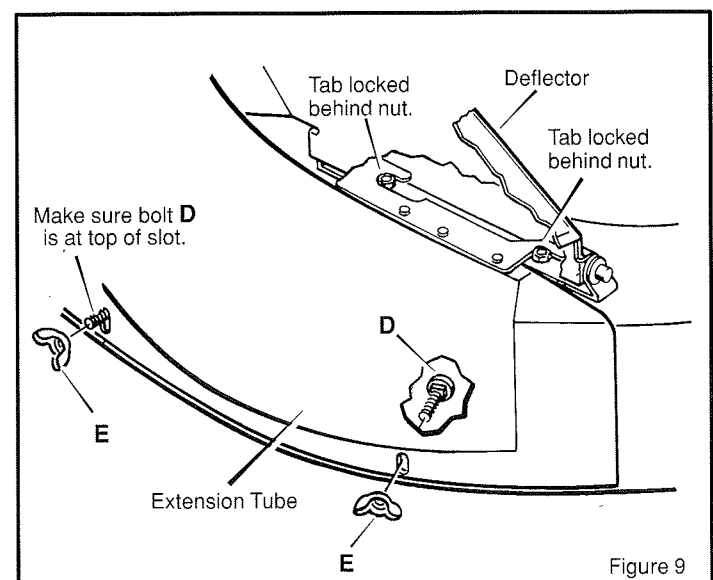
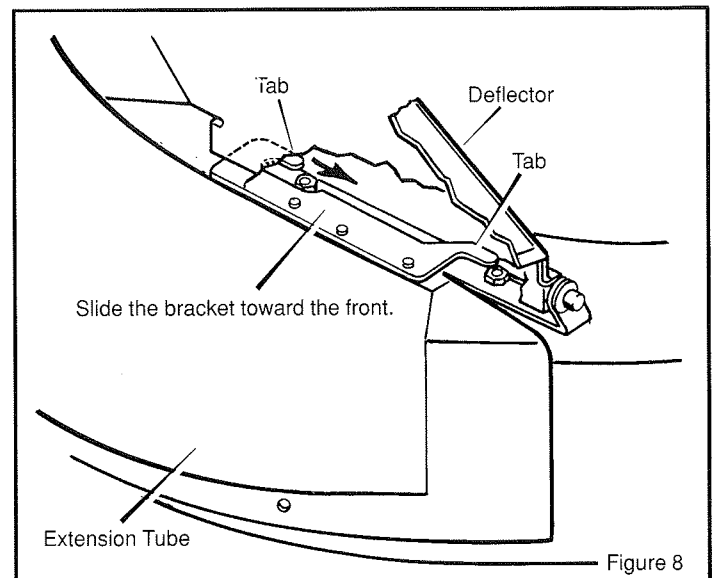
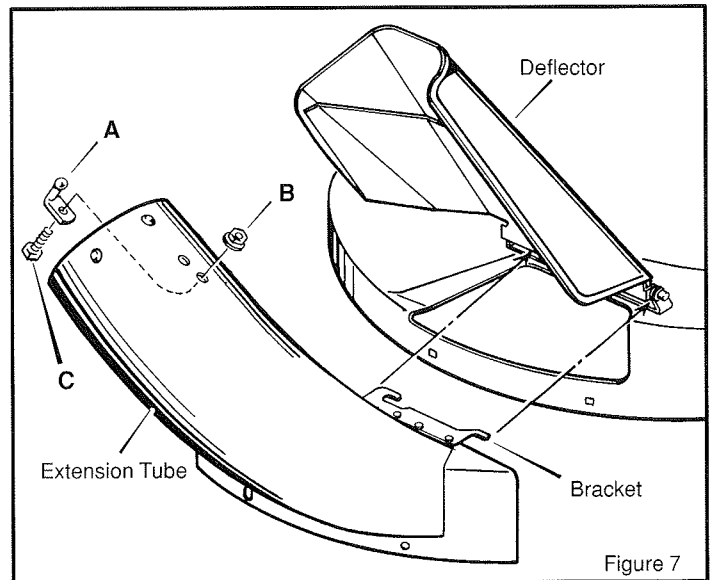
5. Move the lift lever to the highest cut position.

6. Attach the bottom of the **extension tube** to the mower housing. First install bolt (D) to the front of the **extension tube**. Fasten with wingnut (E) on the outside (Figure 9). Make sure the wingnut is tight.

7. Next, reach through the **extension tube**. Install bolt (D) to the rear of the **extension tube**. Fasten with wingnut (E). Push the back of the **extension tube** until bolt (D) is at the top of the **slot**. Tighten wingnut (E).

8. Connect the wire to the spark plug.

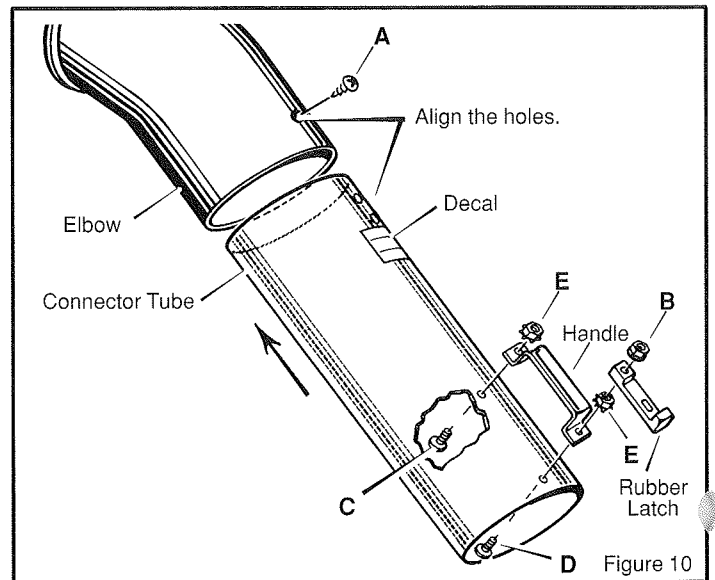
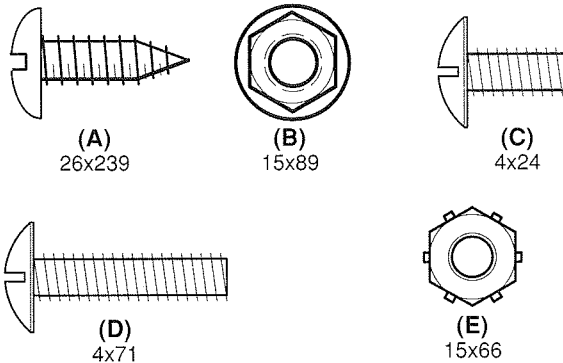
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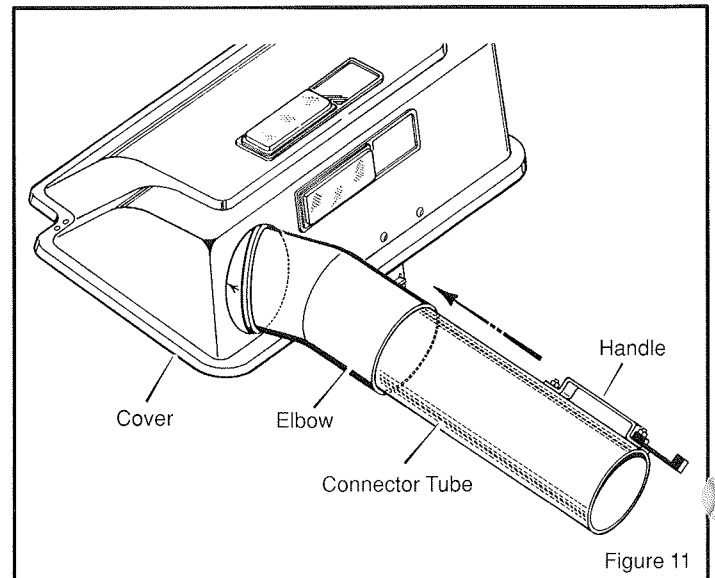
ASSEMBLY

HOW TO MOUNT THE CONNECTOR TUBE

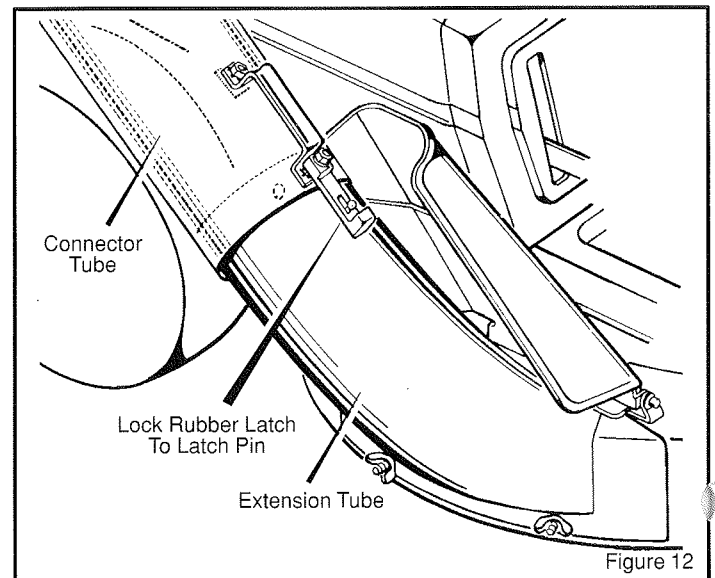
Mount the **connector tube** with the fasteners shown full size below.



1. Assemble the **handle** and the **rubber latch** to the **connector tube** with the fasteners (Figure 10). Hold screws (C) and (D) with a short screwdriver and tighten locknuts (B) and (E).
2. Align the two **holes** in the **connector tube** with the **hole** on the **elbow**. Slide the **connector tube** into the **elbow** until the second line on the **decal** is even with the edge of the **elbow**.
3. Fasten the **elbow** to the **connector tube** with screw (A). Push screw (A) through the **hole** on the **elbow**. Tighten screw (A) until the head of the screw touches the **elbow**.



4. Move the lift lever to the lowest position.
5. Hold the **handle** on the **connector tube** (Figure 11). Put the edge of the **elbow** in the hole of the **cover**. Move the **connector tube** and **elbow** to the left until the **elbow** locks in place.
6. Align the **rubber latch** with the **latch pin** (Figure 12).
7. Slide the **connector tube** over the **extension tube**.
8. Lock the **rubber latch** to the **latch pin**.

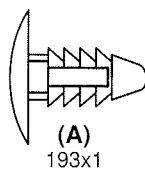
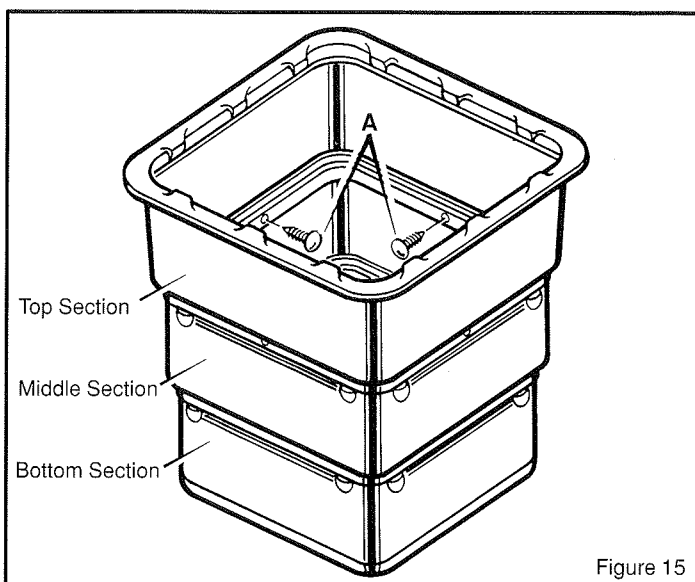
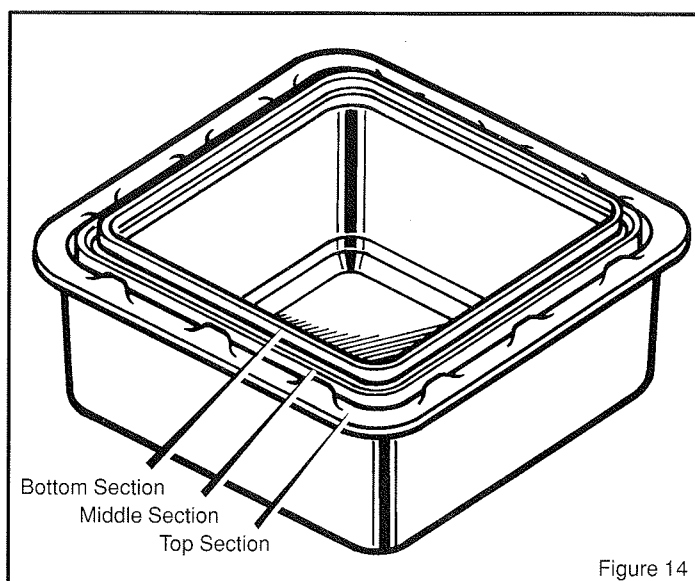
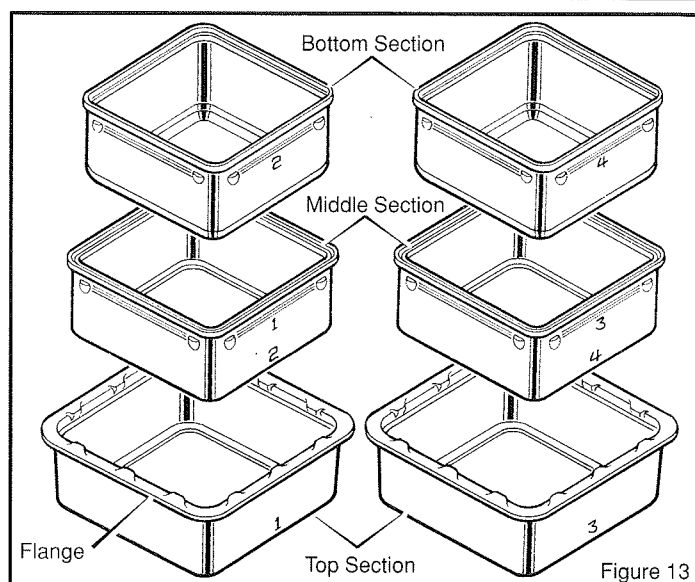


ASSEMBLY

HOW TO ASSEMBLE THE CONTAINERS

NOTE: The containers can only be assembled one way. Carefully read and follow the instructions below.

1. Separate the six container sections into two groups. Each group will have a **top section**, a **middle section**, and a **bottom section** (Figure 13).
2. Look for a number on the side of each **top section**. The numbers for the two **top sections** are 1 and 3. Set the two **top sections** on the ground with the **flanges** on top.
3. Look for the numbers on the side of each **middle section**. One **middle section** has the numbers 1 – 2. The other **middle section** has the numbers 3 and 4.
4. Set **middle section 1 – 2** inside of **top section 1**.
5. Set **middle section 3 – 4** inside of **top section 3**.
6. Look for a number on the side of each **bottom section**. The numbers for the two **bottom sections** are 2 and 4.
7. Set **bottom section 2** inside of **middle section 1 – 2**.
8. Set **bottom section 4** inside of **middle section 3 – 4**.
9. Stand with one foot inside the three sections (Figure 14). Lift the **top section** until all three sections connect together. Make sure all four corners of each section are locked together.
10. Fasten the **top section** and the **middle section** of each container together with four fasteners **A** shown below. From the inside of each container, push the fasteners through the holes (Figure 15).



ASSEMBLY

HOW TO MOUNT THE CONTAINERS

1. Tilt the seat forward. Raise the **cover** (Figure 16).
2. Two plastic bag linings, not shown in the illustration, are included with the grass bagger. The plastic bag linings are optional accessories that can be used for easy removal of the grass.
3. Put the plastic bag linings in the **containers**.
4. Slide the **containers** onto the **frame tubes**. Make sure the **CAUTION**, on the side of the **containers**, is to the rear.
5. Lower the **cover**. Pull back on the **handle** and push the **cover** down until the **cover** locks in place.

IMPORTANT: For the grass bagger to work correctly, the cover must be locked in the down position.

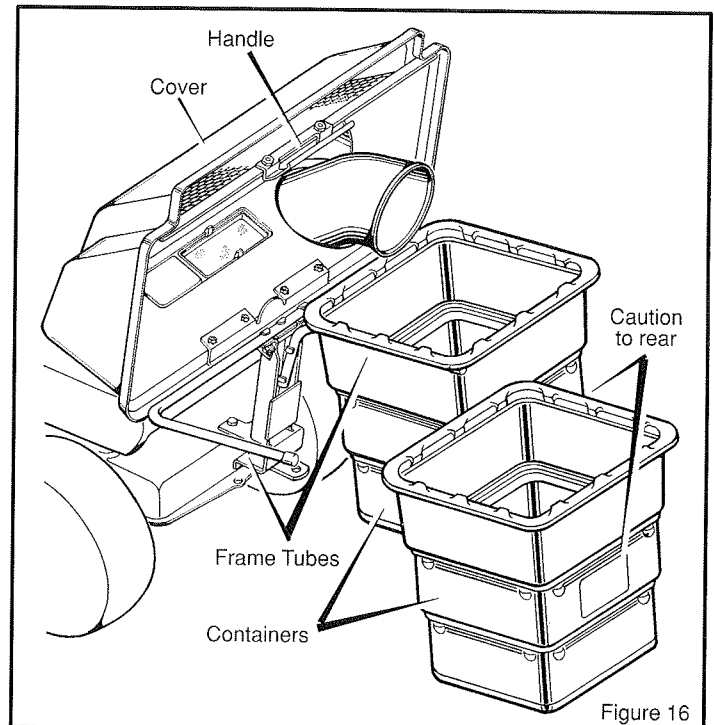


Figure 16

HOW TO INSTALL THE FRONT WEIGHT

1. To find the mounting location for the **weight brackets**, look under the frame at the **square holes** (Figure 17). Lock the **tabs** on the **weight brackets** in the **square holes**. Fasteners are not required.
2. Set the **front weight** on the **weight brackets**.
3. Fill the **front weight** with sand. Install the **plug**.

CAUTION: Removal of the front weight will also require the removal of the weight brackets.



WARNING: Use the front weight when you operate on a slope or where the lawn is rough or is not even. **WARNING:** Do not ride up or down slopes that are too steep to back straight up. Never ride the unit across a slope. See the "Slope Guide" in the back of this book for information on how to check slopes.

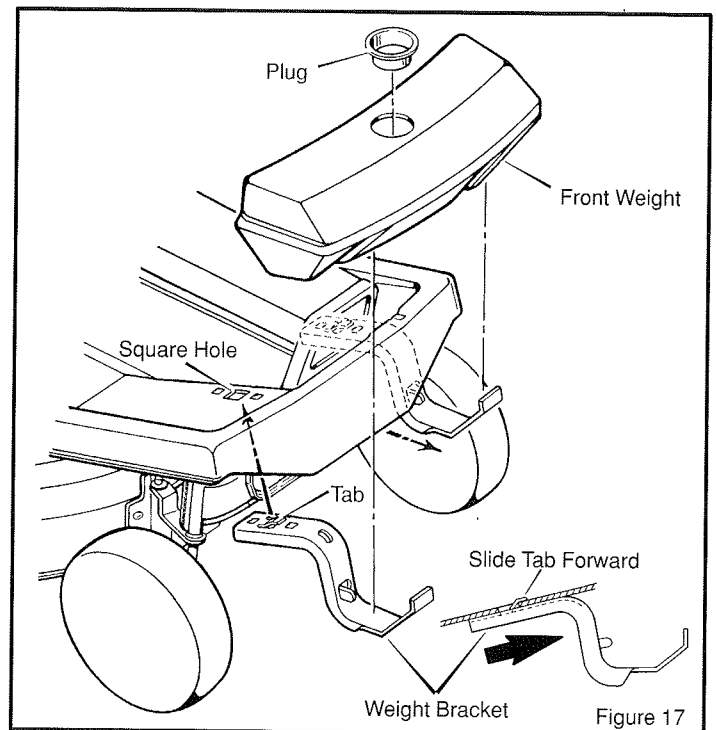


Figure 17

CONTAINER LININGS

1. For easy removal of the grass, use plastic bag linings inside the containers. Use one of the following sizes.
 - 33 gallons
 - 4 bushels
 - 145 liters

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HIGH-LIFT BLADE

There are several different types of grass. Some types of grass make filling the bag more difficult. A high-lift blade is included with the grass bagger. If the bag does not fill properly, replace the standard blade with the high-lift blade. To replace the blade(s), follow the instructions in the mower instruction book.

OPERATION

HOW TO USE THE GRASS BAGGER



WARNING: Do not ride up or down slopes that are too steep to back straight up. Never ride the unit across a slope. See the "Slope Guide" in the back of this book for information on how to check slopes.

OPERATION

To operate with the grass bagger, follow the steps below.

IMPORTANT: Do not cut wet grass. Wet grass will not discharge correctly into the grass bagger.

1. Start the engine.
2. Move the throttle control to FAST position.
3. Move the shift lever to FIRST (1) position. To fill the containers, always operate at the slowest speed.
4. If the height of the grass is more than 3 1/2 inches (9cm), cut the grass with the mower housing in the highest position. Then, lower the mower housing and cut the grass again. You can also cut at 1/2 to 2/3 of the full cutting width of the mower housing.

CHECK AND CLEAN CONNECTOR TUBE

The **connector tube** is made of clear plastic. If the **connector tube** becomes filled with grass, clean the **connector tube** as follows.

1. Move the blade rotation control to the DISENGAGE position.
2. Move the shift lever to the neutral (N) position.
3. Engage the parking brake.
4. Stop the engine.
5. Disconnect the **rubber latch** from the **extension tube** (Figure 18).
6. Remove the **connector tube**.
7. Clean the **connector tube** and the **extension tube** with soap and water.

HOW TO EMPTY THE CONTAINERS

Look at the **window** in the **cover** (Figure 19). When the **containers** are full, grass can be seen through the **window**. Empty the **containers** as follows.

1. Move the blade rotation control to the DISENGAGE position.
2. Move the shift lever to the neutral (N) position.
3. Engage the parking brake.
4. Stop the engine.
5. Tilt the seat forward.
6. Pull the **handle** back and raise the **cover**.
7. Remove the **containers**.

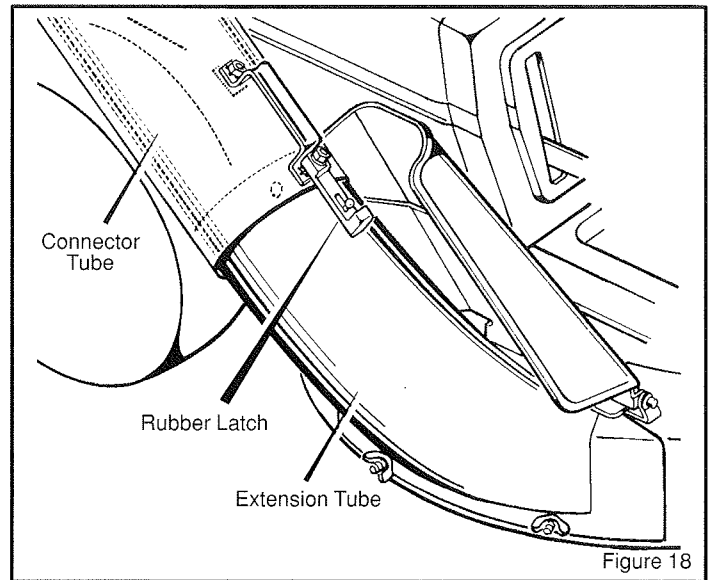


Figure 18

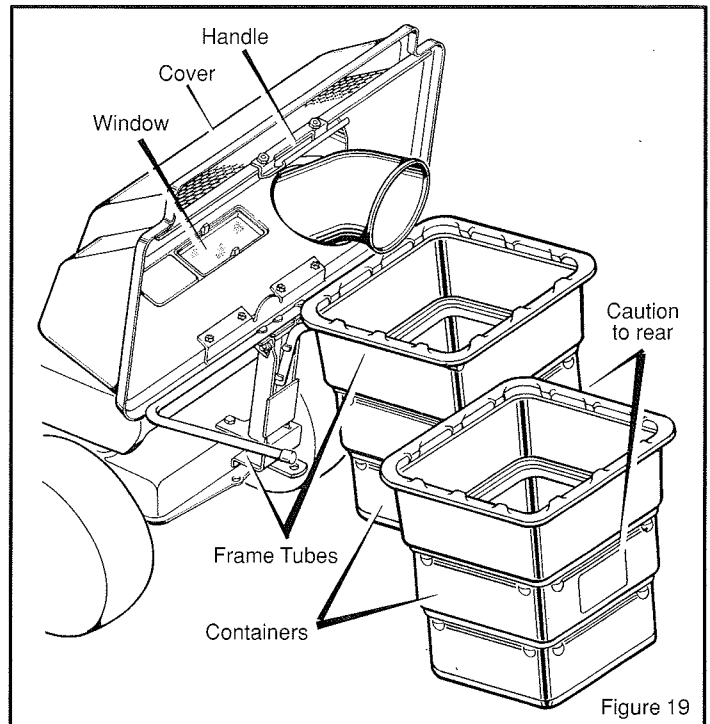


Figure 19

MAINTENANCE

HOW TO CLEAN THE GRASS BAGGER



WARNING: Before you clean the grass bagger, stop the engine and disconnect the wire to the spark plug.

For good performance, frequently clean the grass bagger as follows.

1. Disconnect the **rubber latch** from the **extension tube** (Figure 20).
2. Remove the **connector tube** from the **extension tube**.
3. Remove the **elbow** and **connector tube** from the **cover**.
4. Clean the **connector tube**, the **extension tube**, and the **elbow** with soap and water.
5. Raise the **cover**.
6. Clean the **window** with soap and water.

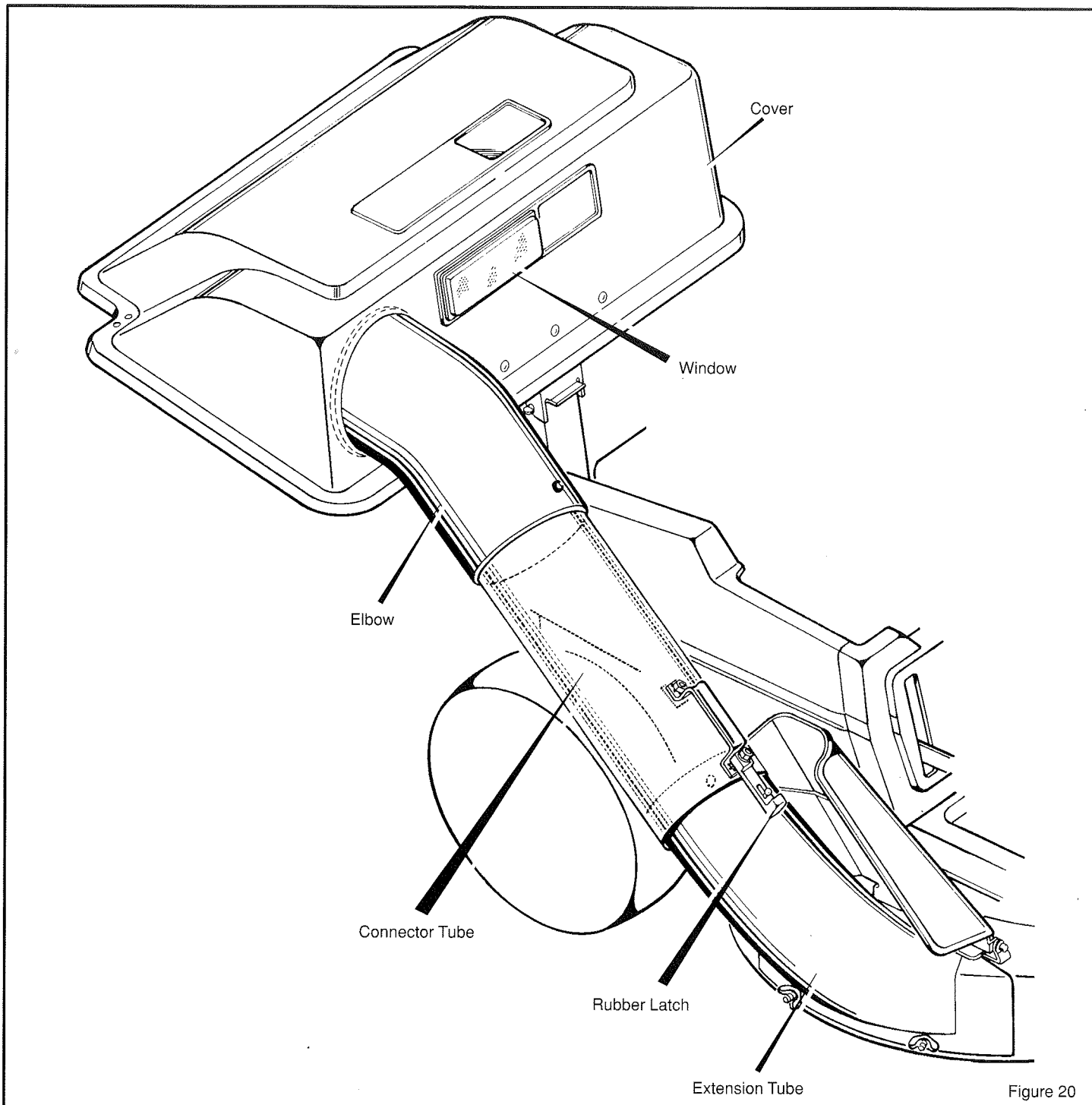
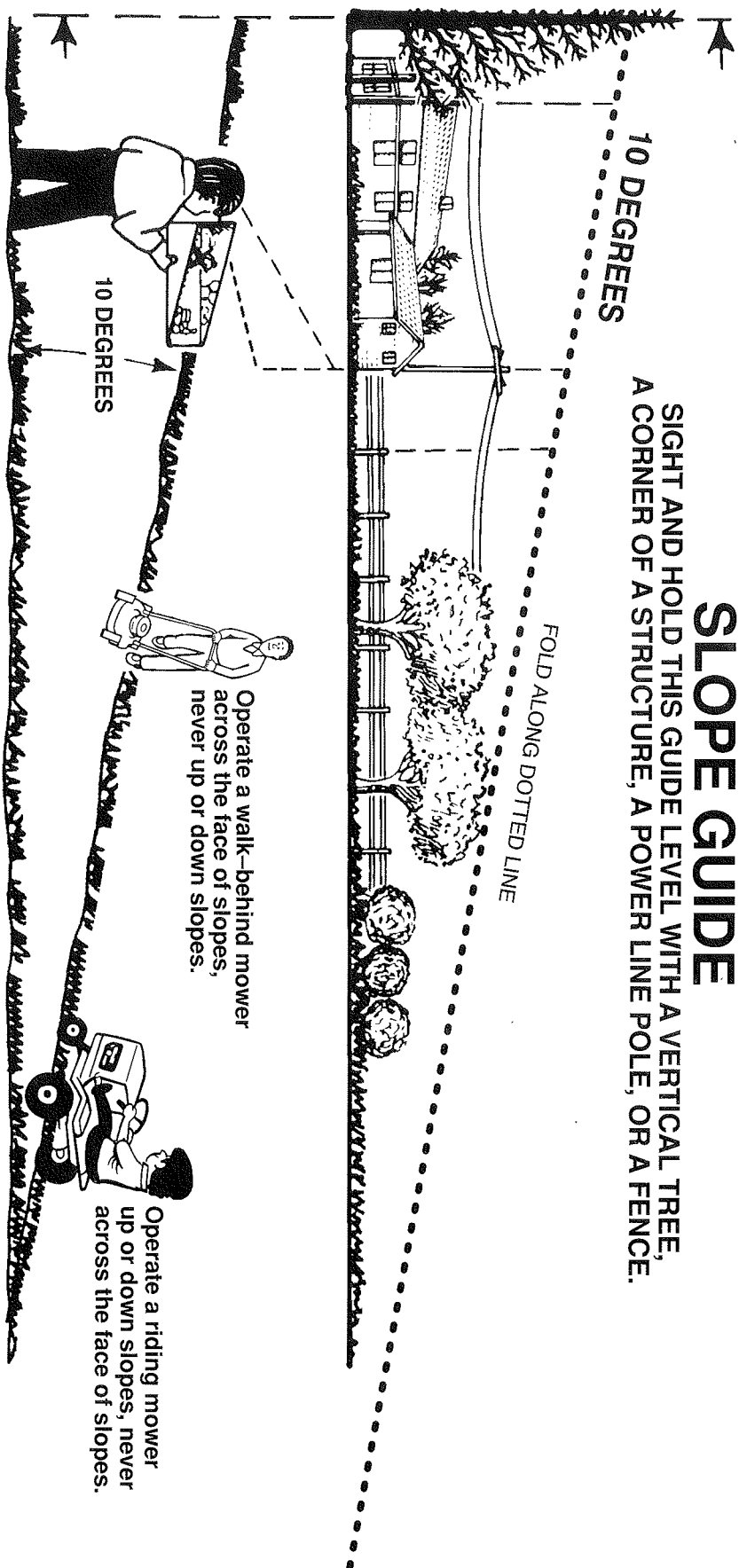


Figure 20

SLOPE GUIDE

SIGHT AND HOLD THIS GUIDE LEVEL WITH A VERTICAL TREE, A CORNER OF A STRUCTURE, A POWER LINE POLE, OR A FENCE.



On a riding mower to determine if a slope is safe to mow: (1) disengage the blade(s), (2) put the unit in reverse, and (3) try to back straight up the slope. If you can back up the slope, it is generally safe to mow. However, if you do not feel safe, or if you are not completely sure, use this guide and do not mow a slope that is greater than 10 degrees. If the riding mower is used with a pull-behind or rear mounted attachment, do not operate the unit on a slope that is greater than 10 degrees.

A 10 degree slope is a hill that increases in height at approximately 1.7 feet in 10 feet.

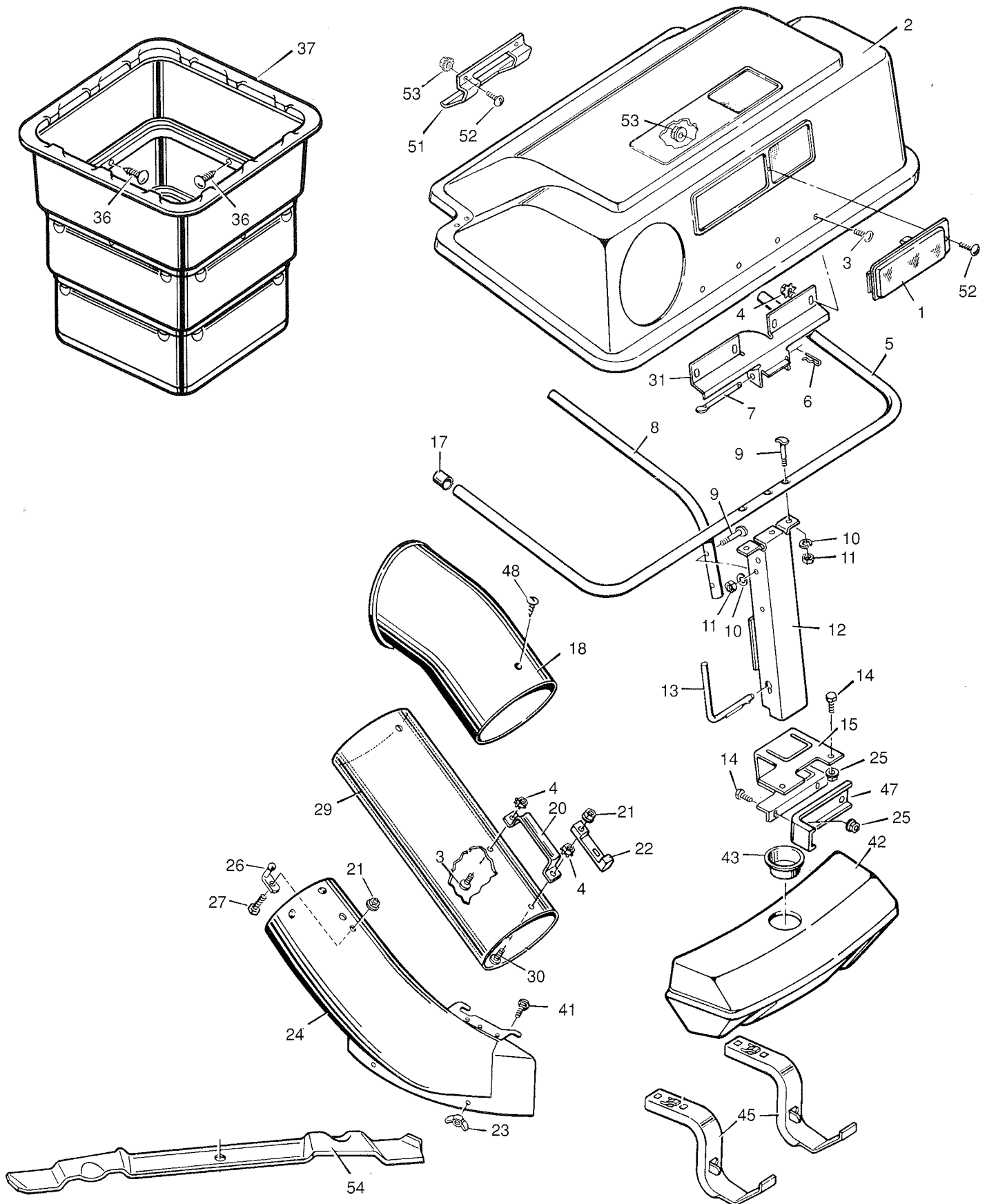


Use extreme care at all times, and avoid sudden turns or maneuvers. Follow other instructions in this manual for safety in mowing on slopes. Operate a riding mower up or down slopes, never across the face of slopes. Operate a walk-behind mower across the face of slopes, never up or down slopes. Use extra care when operating on or near slopes and obstructions.

CUT HERE TO USE SLOPE GUIDE

MODEL 24050x20D

REPAIR PARTS GRASS BAGGER



MODEL 24050x20D

REPAIR PARTS GRASS BAGGER

Key No.	Description	Part No.
1	Window	54575
2	Cover	54577
3	Screw	4x24
4	Locknut	15x66
5	Tube, "U"	54410E701
6	Pin, Hair	31x6
7	Pin, Hinge	54407Z
8	Tube, Center	54412E701
9	Bolt, Special	6x93Z
10	Lockwasher	18x15
11	Nut, Hex	15x32
12	Channel Assembly	54422E701
13	Pin, Channel	54408Z
14	Bolt, Hex	1x91
15	Hitch Assembly	54499E701
17	Cap, End	24862
18	Elbow	54415
20	Handle, Connector Tube	54416E701
21	Locknut, Flange	15x89
22	Latch, Rubber	54695
23	Wingnut	14x86
24	Tube, Chute Extension	54554
25	Locknut	15x76
26	Pin, Latch	54563
27	Bolt, Carriage	2x39
29	Tube, Connector	54555
30	Screw	4x71
31	Hinge, Cover	54398E701
36	Fastener, Plastic *	193x1
37	Containers (Quantity 2)	54727SE
41	Bolt, Carriage	2x64
42	Shell, Front Weight	55442
43	Plug, Front Weight	24863
45	Bracket, Front Weight	54551E701
47	Bracket, Support	54562E701
48	Screw	26x239
51	Handle, Plastic	54537
52	Screw	4x21
53	Nut, Hex	15x81
54	Blade, High-Lift	56246E701
-	Instruction Book	F-96900

* Included with Key No. 37.
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REPAIR PART ORDERING INFORMATION

Use only manufacturer's authorized or approved replacement parts. The letter placed on the end of the part number denotes the type of finish for the part, C for chrome, Z for zinc, a PA for purchased assembly. It is important that you include this when ordering a part. Do not use attachments or accessories not specifically recommended for this unit. In order to obtain proper replacement parts you must supply the model number of your mower (see nameplate).

Replacement parts, except for the engine, transmission, transaxle or differential, are available from the store where the mower was purchased or a service shop recommended by the store.

If you are unable to obtain parts or service in the manner outlined above, then contact: Murray Export Sales B.V., Baarerstrasse 75, 6300 Zug, Switzerland. Collect telephone calls will not be accepted.

Replacement parts for the engine, transaxle, or transmission, are available from the manufacturer's authorized service center found in the yellow pages of the telephone directory. Also, see the individual engine or transmission warranties to order replacement parts.

When ordering the following information is required:

- (1) The Model Number**
- (2) Serial Number**
- (3) Part Number**
- (4) Description**
- (5) Quantity**