111-6057(A) CODE 24730M

INSTRUCTION BOOK

GRASS BAGGER

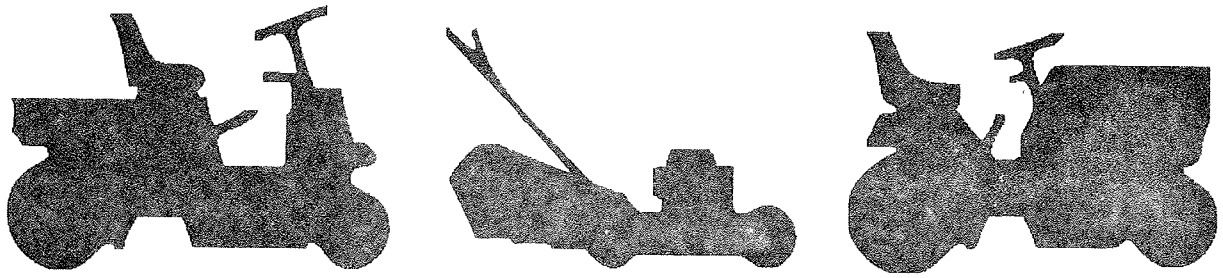
for 76cm Riding Mower

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

For 12.30.

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.

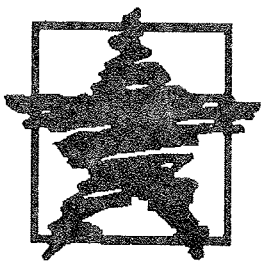


RECORD THE FOLLOWING INFORMATION ABOUT YOUR UNIT. THIS INFORMATION IS NECESSARY WHEN ORDERING PARTS OR IN CASE OF LOSS OR THEFT.

WHERE PURCHASED: _____.

DATE PURCHASED: Month_____ Day_____ Year_____.

MODEL NO.:_____ **DATE OF MANUFACTURE:**_____.



BUILT IN THE USA

F–93904

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MURRAY Limited Warranty

OUTDOOR POWER EQUIPMENT ACCESSORIES

The Murray Ohio Manufacturing Company (Murray) 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**, Outdoor Power Equipment, Customer Service Department, P.O. Box 268, Brentwood, Tennessee 37027.

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.

SAFETY RULES

Safe Operation Practices for Riding Vehicles
As Recommended by American National Standards Institute

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.

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. The carburetor can be adjusted with the engine running. Do not change the engine governor settings or overspeed 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."

ASSEMBLY

This instruction book is for several models. Some parts or accessories are not included on all models. 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.

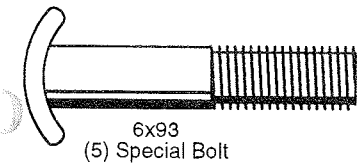
NOTE: Torque is measured in foot pounds (metric N.m). This measurement describes how tight a nut or bolt must be. The torque is measured with a torque wrench.

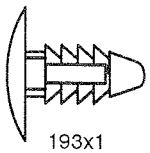
TOOLS REQUIRED

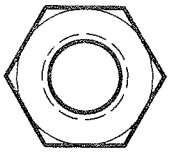
Pliers (1)
Adjustable open end wrenches (2)
Blade type screwdriver (1)
Phillips screwdriver (1)
Short blade type screwdriver (1)
Open end wrench, 1/2" – 9/16"
Open end wrench, 3/8" – 7/16"

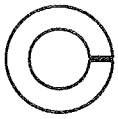
GRASS BAGGER PARTS BAG – CONTENTS

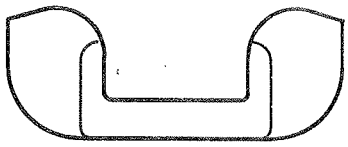
The fasteners and other loose parts are shown below. The fasteners are shown at full size. The quantity is shown in brackets ( ). On some models, all of the fasteners are not required.

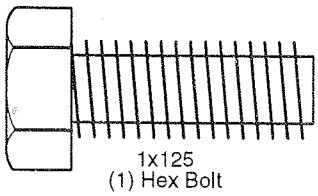

6x93
(5) Special Bolt

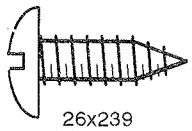

193x1
(8) Fastener

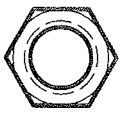

15x41
(1) Hex Nut

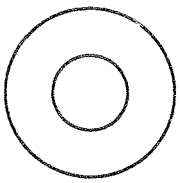

18x15
(5) Lockwasher

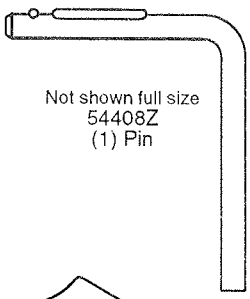

14x86
(2) Wingnut

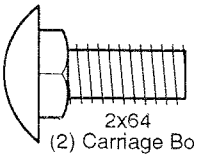

1x125
(1) Hex Bolt

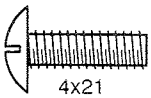

26x239
(1) Screw


15x32
(5) Hex Nut

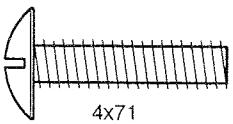

17x51
(2) Washer

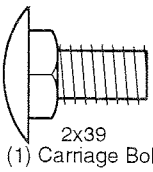

Not shown full size
54408Z
(1) Pin


2x64
(2) Carriage Bolt

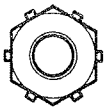

4x21
(3) Screw

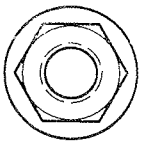

15x81
(3) Locknut

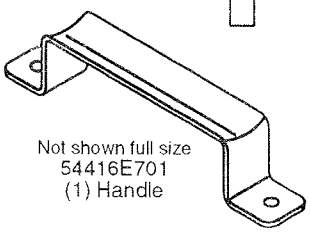

4x71
(1) Screw

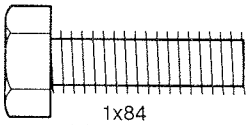

2x39
(1) Carriage Bolt

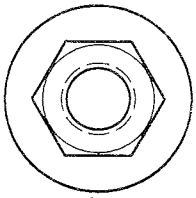

15x89
(2) Locknut

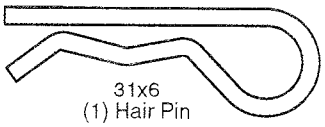

15x66
(6) Locknut

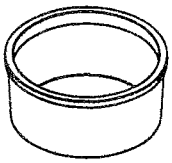

15x88
(4) Locknut

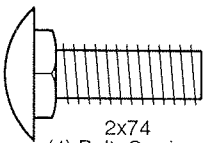

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54416E701
(1) Handle

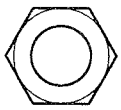

1x84
(2) Hex Bolt

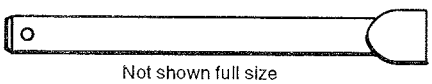

15x108
(2) Nut, Flange

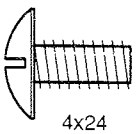

31x6
(1) Hair Pin

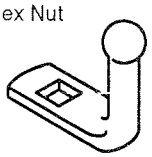

24863
(1) Plug, Weight

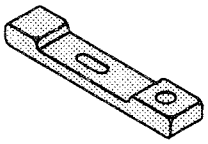

2x74
(4) Bolt, Carriage

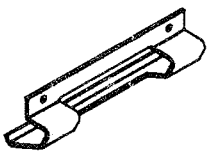

15x109
(4) Hex Nut

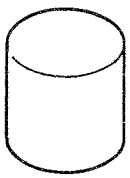

Not shown full size
54407Z
(1) Pin


4x24
(5) Screw


Not shown full size
54563
(1) Pin, Latch


Not shown full size
54695
(1) Latch

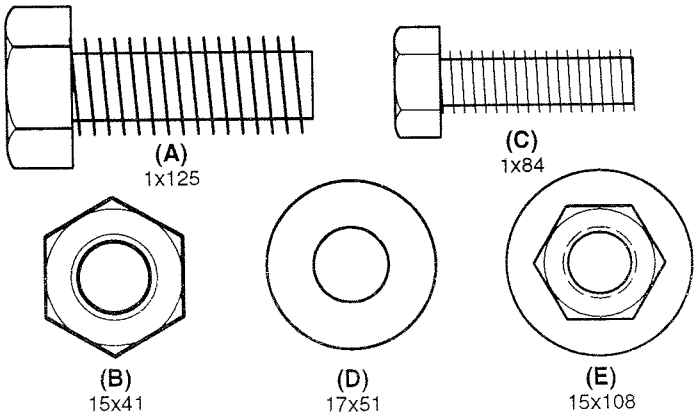

Not shown full size
54537
(1) Handle


24862
(3) Cap, End

ASSEMBLY

HOW TO ATTACH THE BAGGER MOUNT

1. Remove and discard the two self–tapping screws from the rear of the frame. Use these two holes to attach the **bagger mount.**
2. Attach the bottom of the **bagger mount** to the frame with the fasteners (Figure 1). Do not tighten at this time.



3. Attach the back of the **bagger mount** to the frame with the fasteners (Figure 1). Make sure the fasteners are tight.

   NOTE: For easier assembly, use a ratchet and socket to tighten the bolts.
4. Tighten bolt **A** and locknut **B**.

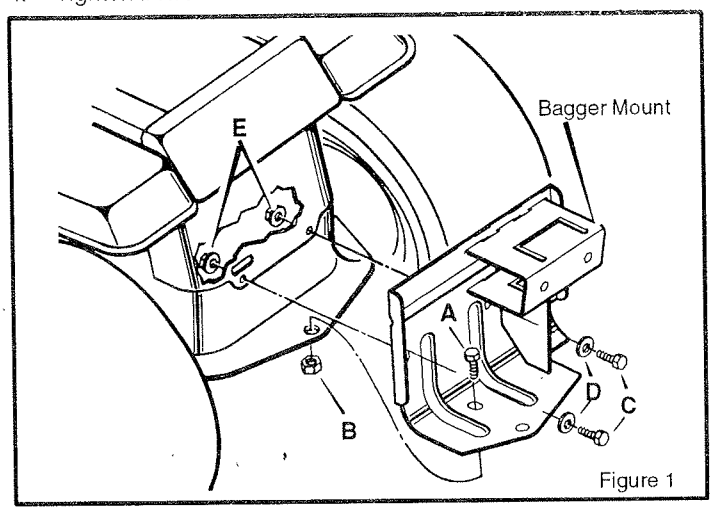
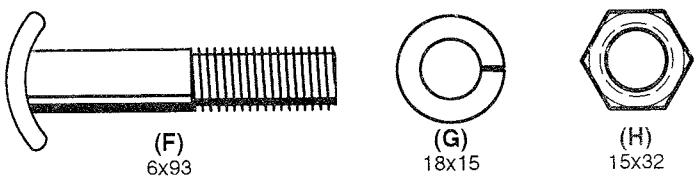


Figure 1

5. Mount the **channel** in the **bagger mount** (Figure 2).

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



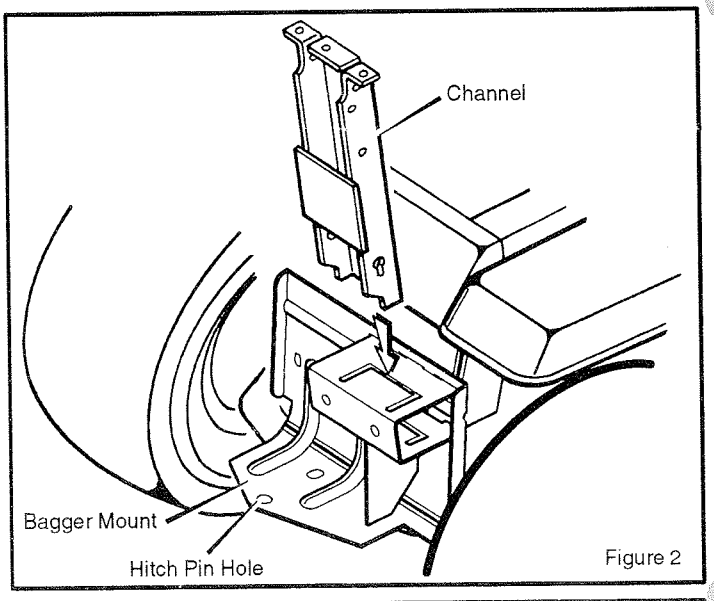


Figure 2

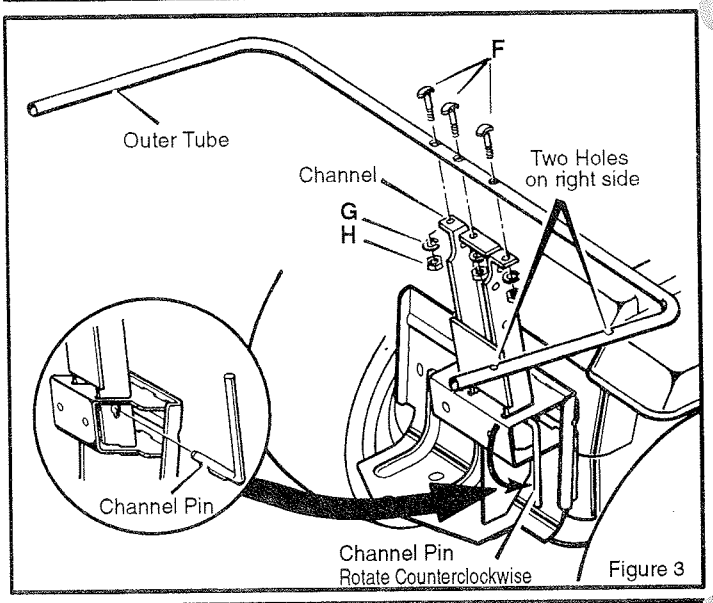


Figure 3

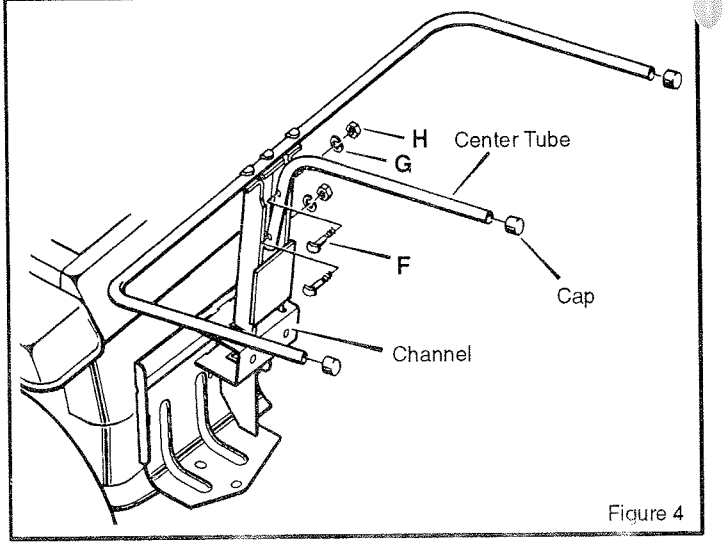


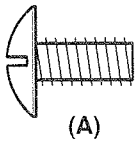
Figure 4

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

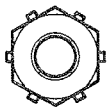
ASSEMBLY

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**. Tighten the fasteners.



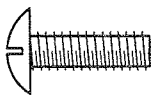
(A)
4x24



(B)
15x66

2. Attach the **handle** to the **cover** with the fasteners (Figure 5). Tighten the fasteners.

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

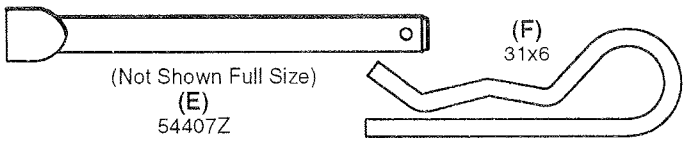


(C)
4x21



(D)
15x81

4. Set the **cover** in the operating position on top of the outer tube (Figure 6). Fasten the **hinge** to the **channel** with the fasteners shown below.



(Not Shown Full Size)
(E)
54407Z

(F)
31x6

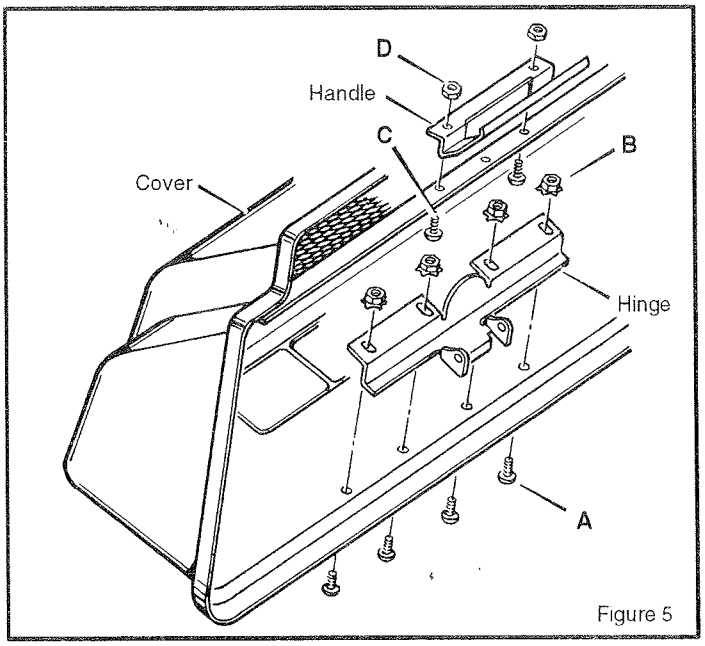


Figure 5

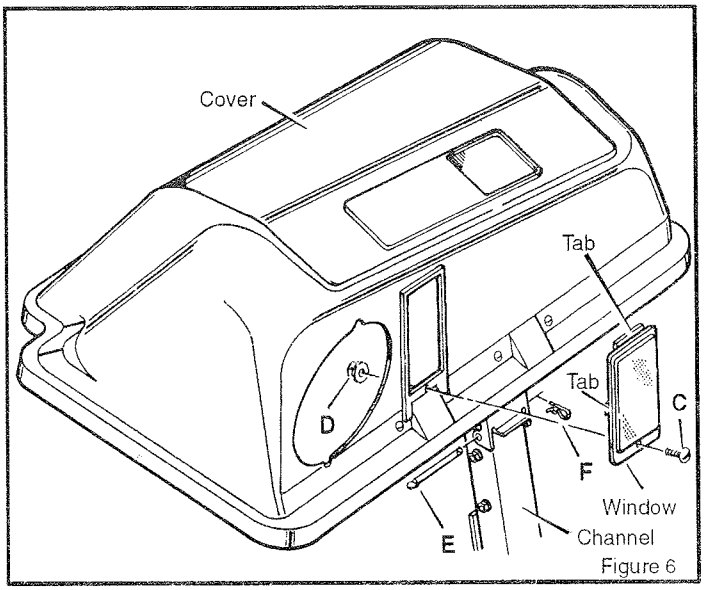
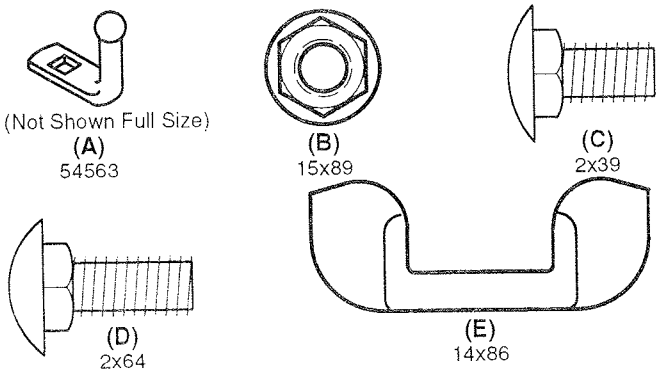


Figure 6

ASSEMBLY

HOW TO MOUNT THE EXTENSION TUBE

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



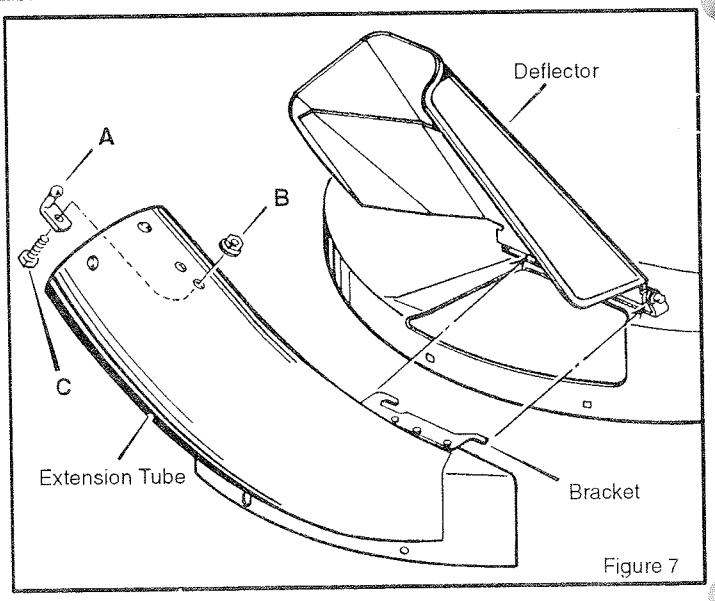


Figure 7

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).

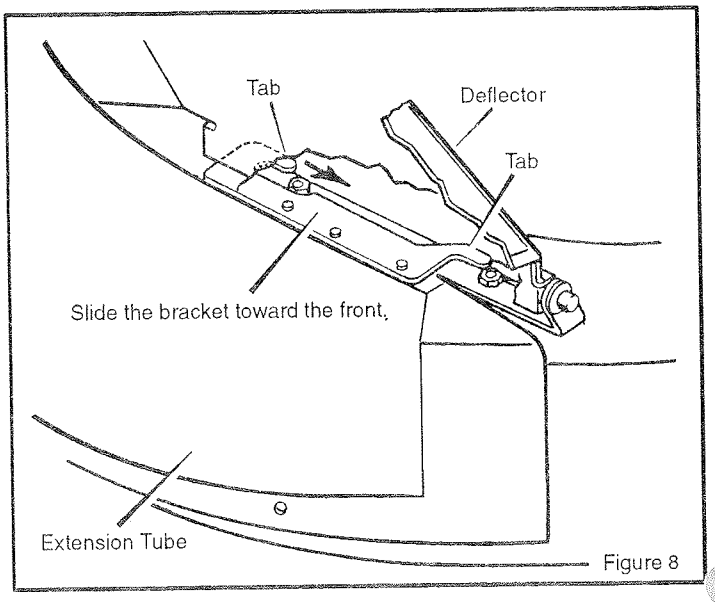


Figure 8

4. **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)**.

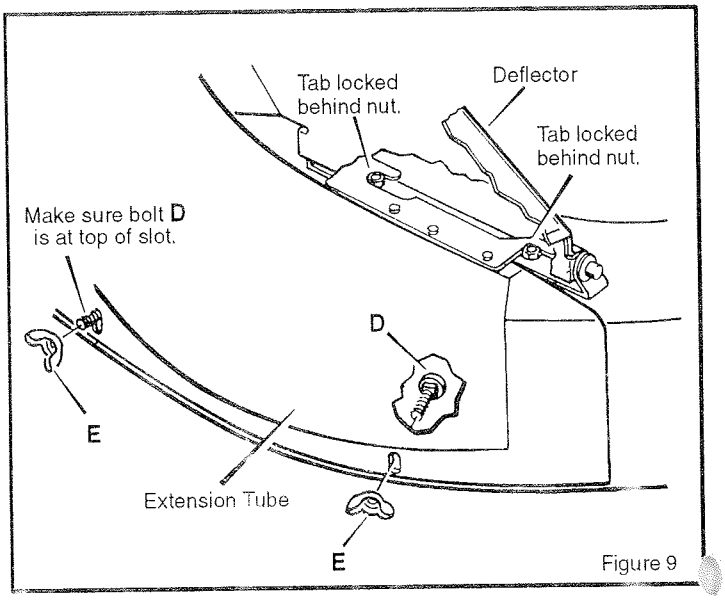


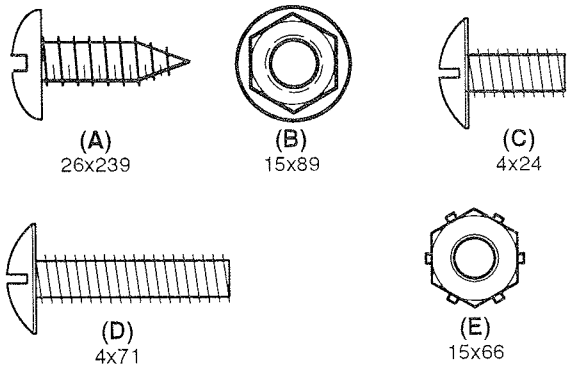
Figure 9

8. Connect the wire to the spark plug.

ASSEMBLY

HOW TO MOUNT THE CONNECTOR TUBE

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



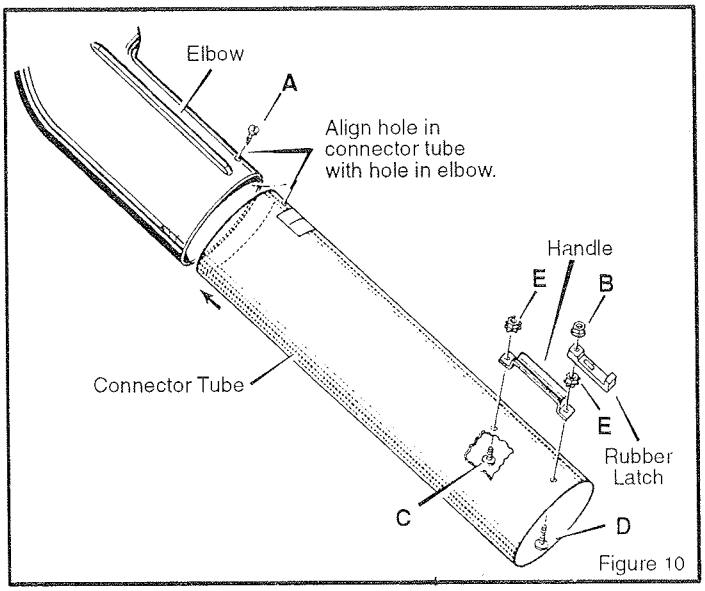


Figure 10

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. Slide the **connector tube** into the **elbow**. Align the **hole** in the **connector tube** with the **hole** in the **elbow**.

3. Fasten the **elbow** to the **connector tube** with screw **(A)**. Tighten screw **(A)** until the head of the screw touches the **elbow**.

4. Move the **lift lever** to the lowest position (Figure 11).

5. Hold the **handle** on the **connector tube** (Figure 11). Slide the end of the **elbow** through the hole in the **cover**.

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**.

NOTE: To help the elbow slide when you open or close the cover, put wax or polish on the elbow.

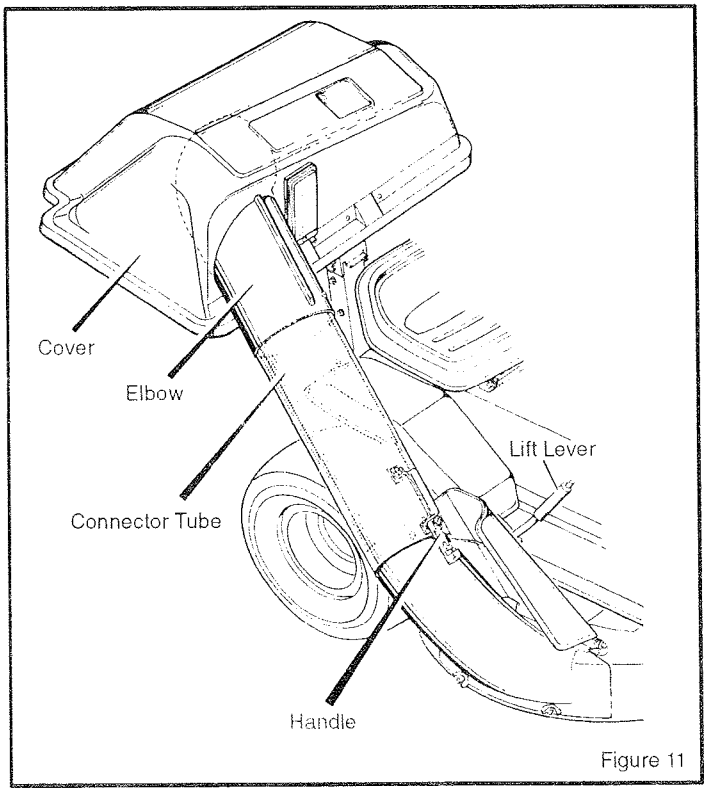


Figure 11

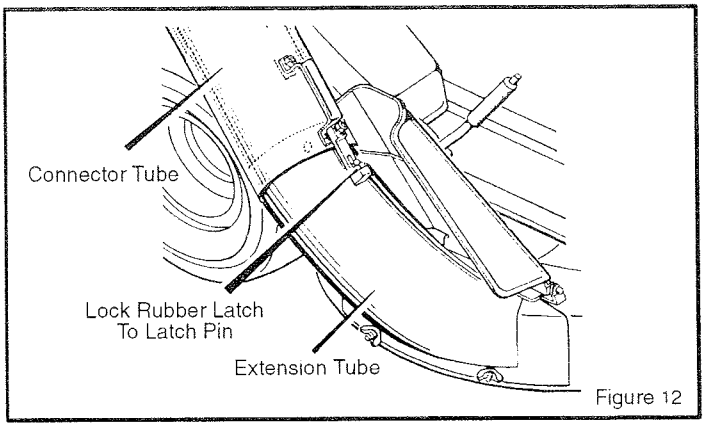


Figure 12

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.

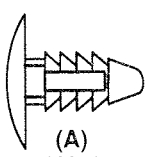
6. Look for a number on the side of each **bottom section**. The numbers for the two **bottom sections** are 2 and 4.

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).



(A)
193x1

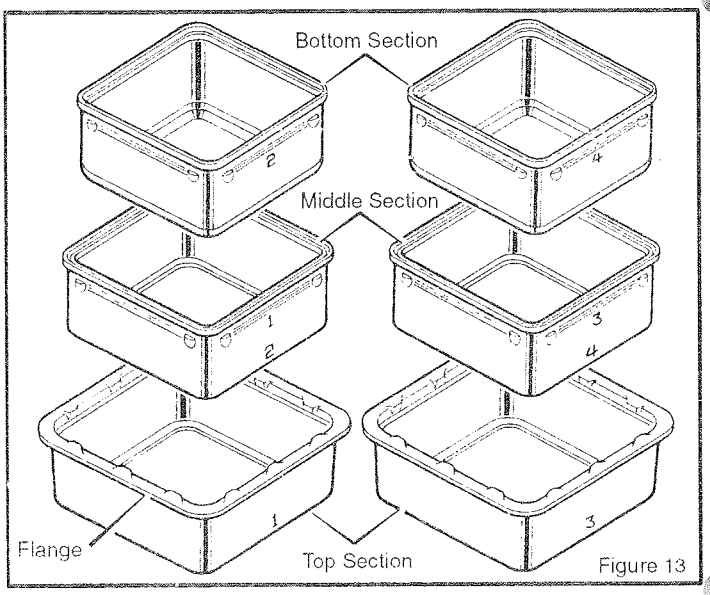


Figure 13

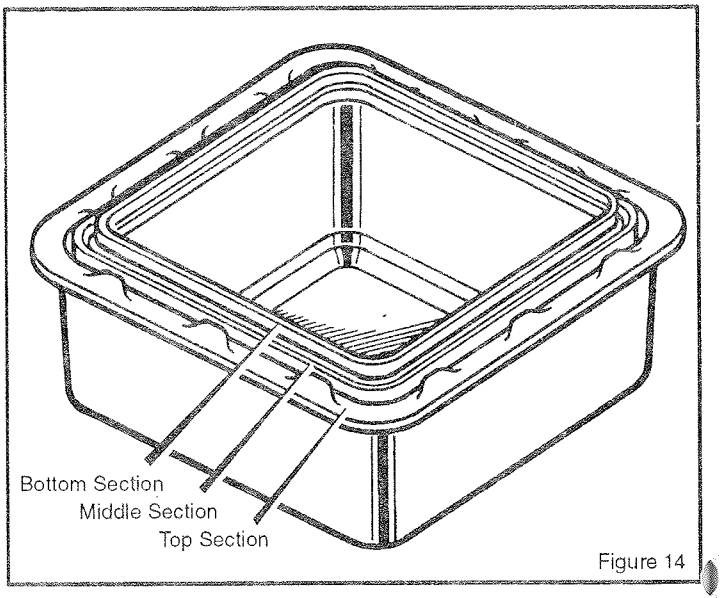


Figure 14

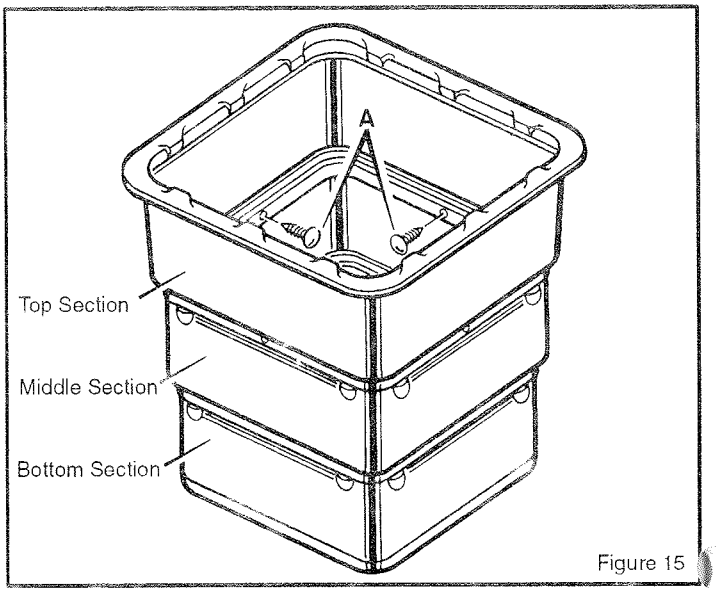


Figure 15

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.

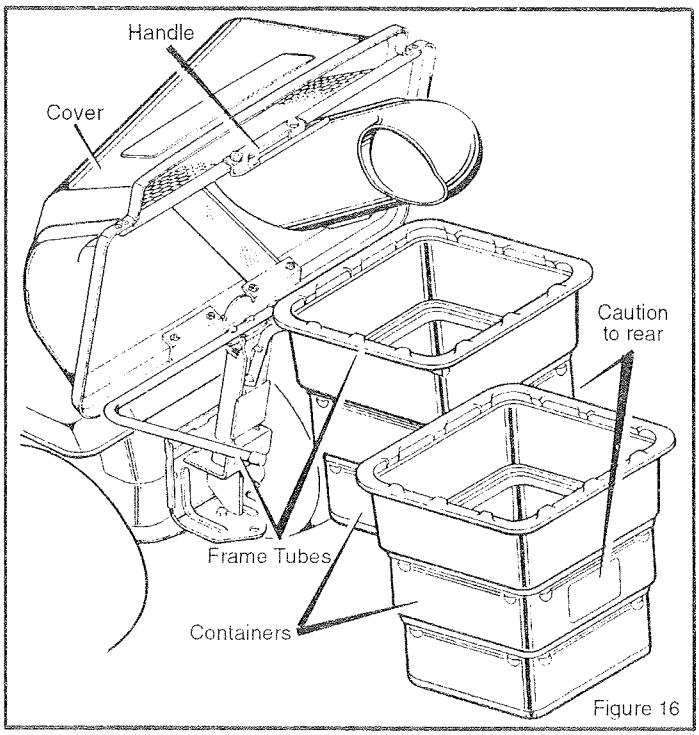


Figure 16

BAG LININGS

1. The grass bagger has two containers. 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

HIGH LIFT BLADE

A high lift blade(s) has been included with the grass bagger. Use the high lift blade(s) when the mower is operated with the grass bagger. The original blade will not properly discharge the grass into the grass bag. To replace the blade(s), follow the instructions in the Mower Instruction Book.

HOW TO INSTALL THE FRONT WEIGHT

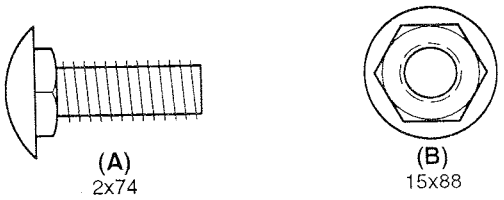
WARNING: Use the front weight when you operate on a slope or where the lawn is rough or is not even.
WARNING: Do not ride up or down slopes that are too steep to back straight up. Never ride the unit across a slope. See the "Slope Guide" in the back of this book for information on how to check slopes.

Two types of **weight supports** are included with the grass bagger. **Type A** mounts on models with a grille and hood that tilts forward. **Type B** mounts on models with a grille that will not tilt forward. On these models, the hood lifts up but the grill is stationary.

Determine the type of **weight support** that fits your model and proceed as follows.

TYPE A WEIGHT SUPPORT

Install the **weight support** with the fasteners shown full size below.



1. Attach the **hanger brackets** to the frame with the fasteners (Figure 17). Make sure the fasteners are tight.
2. Fit the **front weight** into the **weight support**. Make sure the hole for the **plug** is on top.
3. Mount the **weight** and **weight support** in the **hanger brackets**. Make sure the **tabs** on the **hanger brackets** are locked in the slots of the **weight support**.
4. Fill the **front weight** with sand. Install the **plug**.

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

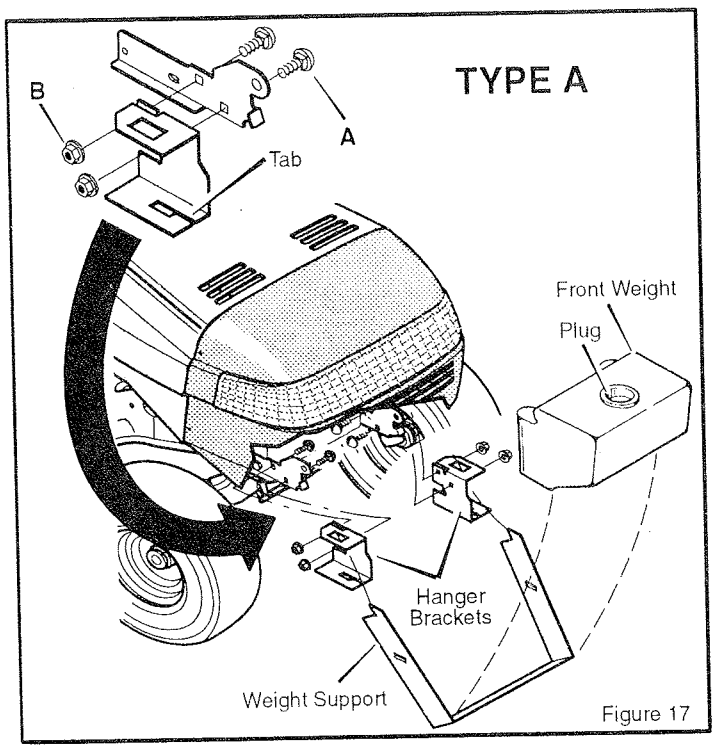
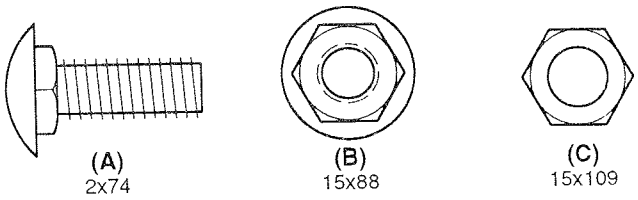


Figure 17

TYPE B WEIGHT SUPPORT

Install the **weight support** with the fasteners shown full size below.



1. Assemble four carriage bolts **A** and four nuts **C** to the frame (Figure 18). Make sure nuts **C** are tight.
2. Fit the **front weight** into the **weight support**. Make sure the hole for the **plug** is on top.
3. Mount the **weight** and **weight support** on carriage bolts **A**. Fasten the **weight support** with locknuts **B**. Make sure locknuts **B** are tight.
4. Fill the **front weight** with sand. Install the **plug**.

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

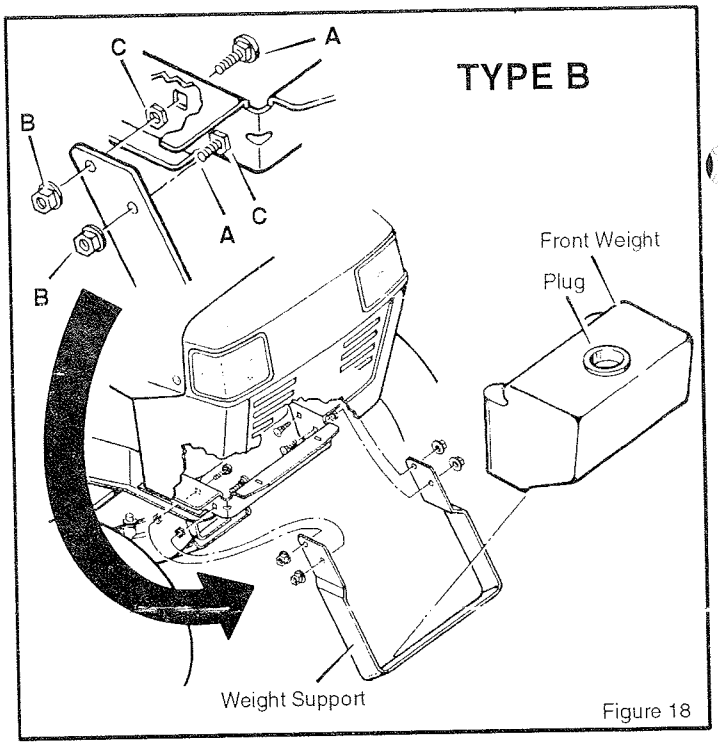


Figure 18

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.
4. If the height of the grass is more than 3½ 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 ½ to ⅔ of the full cutting width of the mower housing.

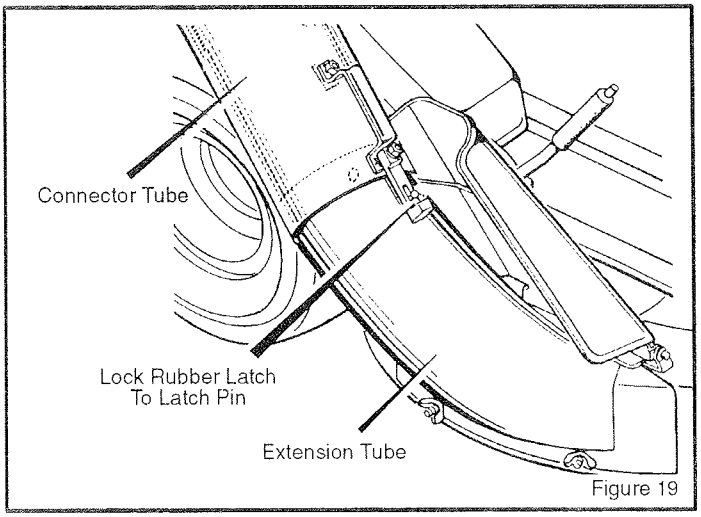


Figure 19

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 19).
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 20). 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. Pull the **handle** back and raise the **cover**.
6. Remove the **containers**.

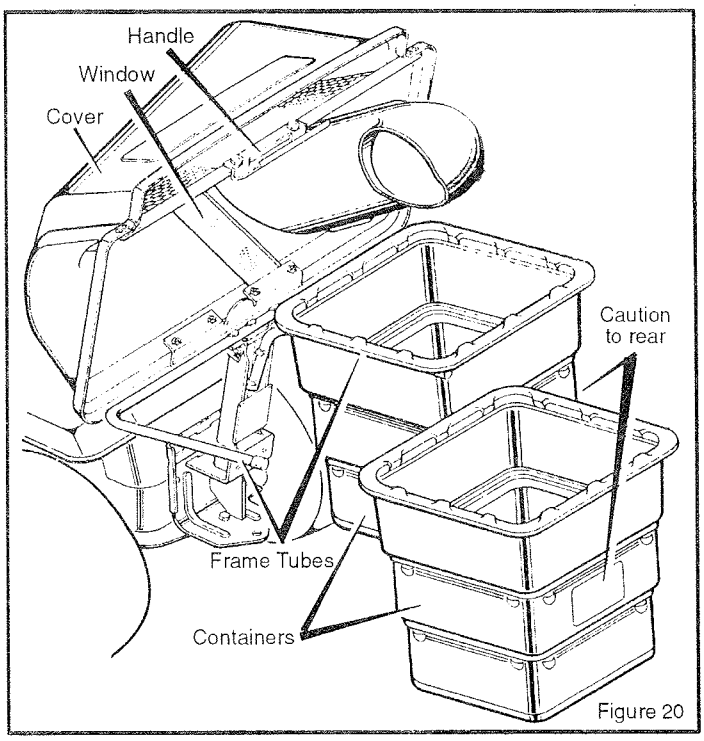


Figure 20

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 21).
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.

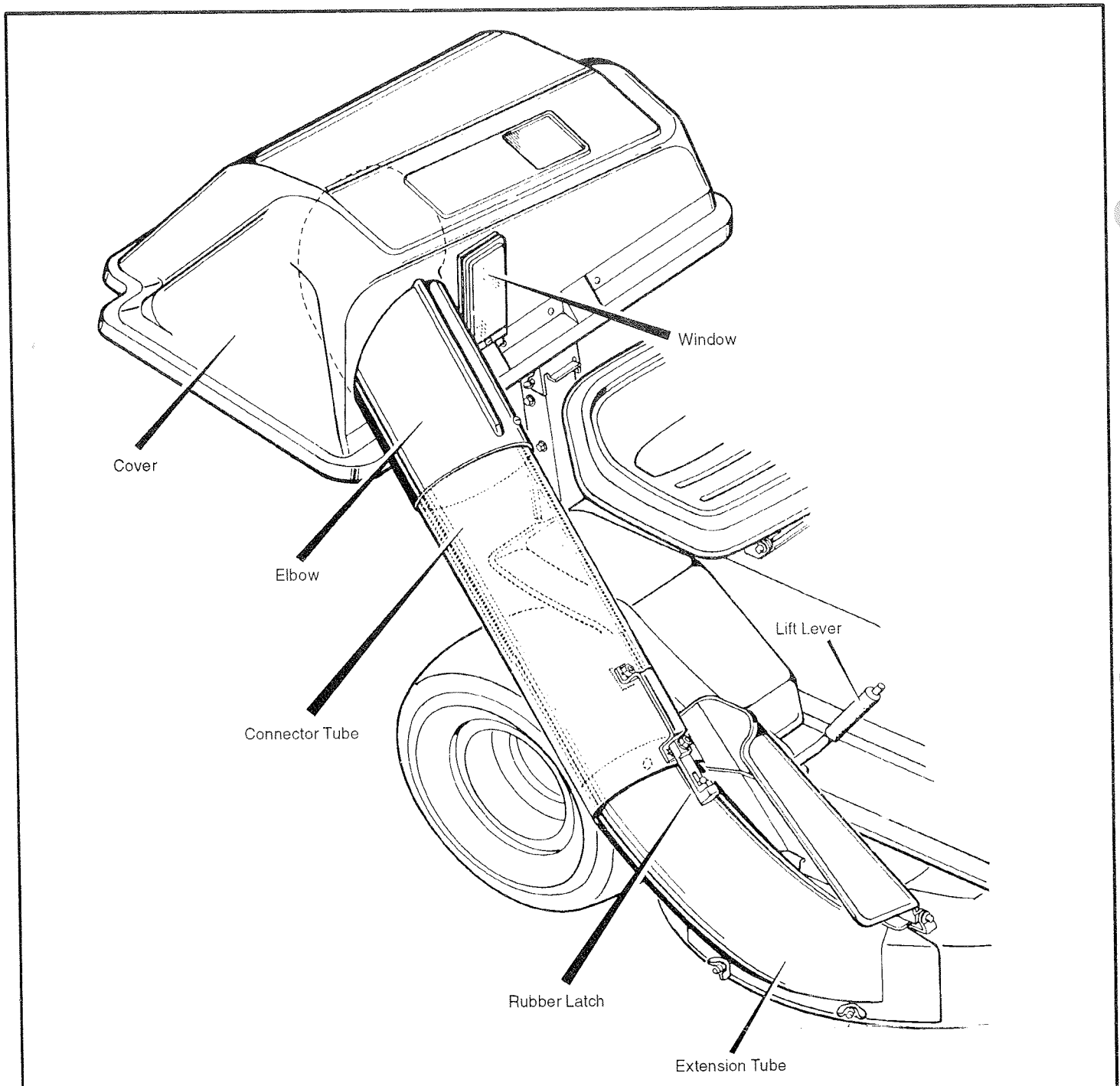
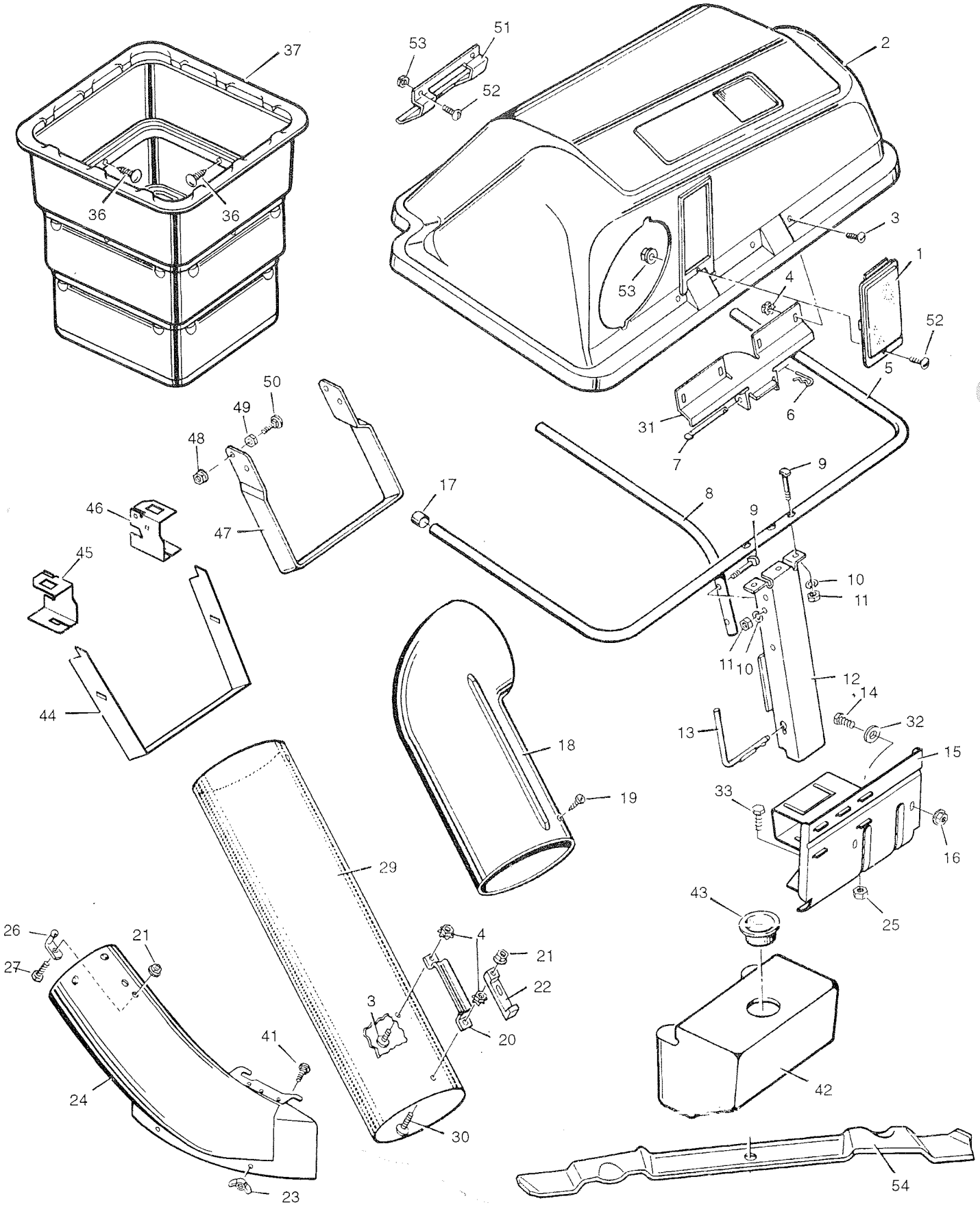


Figure 21

REPAIR PARTS

MODEL 24730x20A

REPAIR PARTS
GRASS BAGGER



MODEL 24730x20A

REPAIR PARTS
GRASS BAGGER

Key No.	Description	Part No.	Key No.	Description	Part No.
1	Window	54575	26	Pin, Latch	54563
2	Cover	54576	27	Bolt, Carriage	2x39
3	Screw	4x24	29	Tube, Connector	54729
4	Locknut	15x66	30	Screw	4x71
5	Tube, "U"	54410E700	31	Hinge, Cover	54398E700
6	Pin, Hair	31x6	32	Washer	17x51Z
7	Pin, Hinge	54407Z	33	Bolt, Hex	1x125
8	Tube, Center	54412E700	36	Fastener, Plastic *	193x1
9	Bolt, Special	6x93Z	37	Containers (Quantity 2)	54727SE
10	Lockwasher	18x15	41	Bolt, Carriage	2x64
11	Nut, Hex	15x32	42	Shell, Front Weight	55441
12	Channel Assembly	54422E700	43	Plug, Front Weight	24863
13	Pin, Channel	54408Z	44	Support, Weight (Type A)	92386E700
14	Bolt, Hex	1x84	45	Bracket, Right Hanger	92385E700
15	Mount Assembly, Bagger	54587E700	46	Bracket, Left Hanger	92384E700
16	Nut, Hex	15x108	47	Support, Weight (Type B)	54552E700
17	Cap, End	24862	48	Nut, Flange	15x88
18	Elbow	91944	49	Nut, Jam	15x109
19	Screw	26x239	50	Carriage, Bolt	2x74
20	Handle, Connector Tube	54416E700	51	Handle, Plastic	54537
21	Locknut, Flange	15x89	52	Screw	4x21
22	Latch, Rubber	54695 *	53	Nut, Hex	15x81
23	Wingnut	14x86	54	Blade, High Lift (76 cm)	56246E701
24	Tube, Extension	54574SE	—	Book, Instruction	F-93904
25	Hex Nut	15x41			

* Included with Key No. 37.

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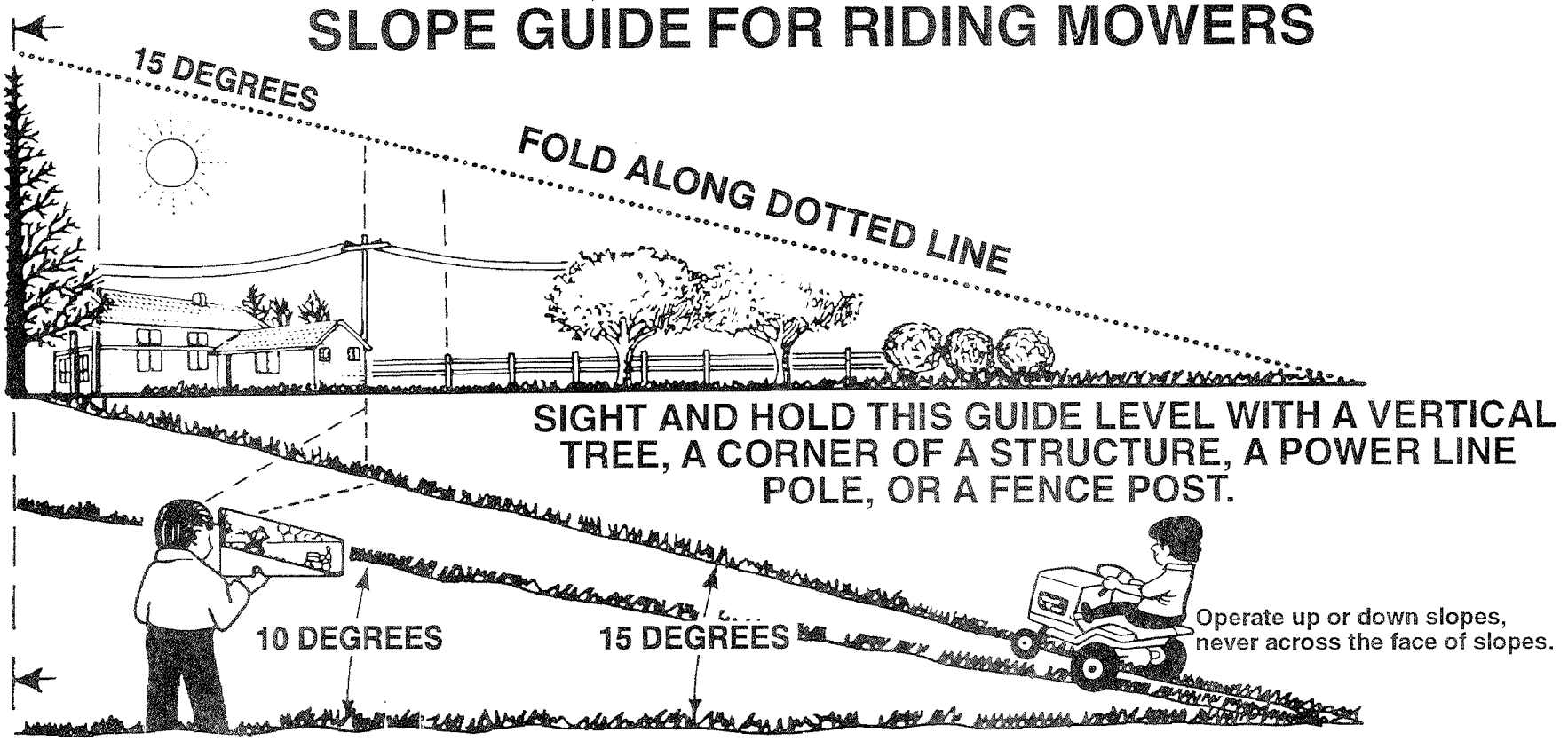
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SLOPE GUIDE FOR RIDING MOWERS



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 15 degrees. If the riding mower is used with a pull–behind attachment, do not operate the unit on a slope that is greater than 10 degrees.

A 15 degree slope is a hill that increases in height at approximately 2.5 feet in 10 feet.
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. Use extra care when operating on or near slopes and obstructions.

CUT HERE TO USE SLOPE GUIDE

F–93904

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) Date of Manufacture
(3) Part Number
(4) Description
(5) Quantity