

JOHN DEERE
WORLDWIDE COMMERCIAL & CONSUMER
EQUIPMENT DIVISION

Tractor Trunk for X400/X500 Series
Tractors
3-Cubic Foot
OMM146690 A2
OPERATOR'S MANUAL



JOHN DEERE

North American Version
Litho in U.S.A.



INTRODUCTION

Thank You for Purchasing a John Deere Product

We appreciate having you as a customer and wish you many years of safe and satisfied use of your machine.

Using Your Operator's Manual

This manual is an important part of your machine and should remain with the machine when you sell it.

Reading your operator's manual will help you and others avoid personal injury or damage to the machine. Information given in this manual will provide the operator with the safest and most effective use of the machine. Knowing how to operate this machine safely and correctly will allow you to train others who may operate this machine.

If you have an attachment, use the safety and operating information in the attachment operator's manual along with the machine operator's manual to operate the attachment safely and correctly.

This manual and safety signs on your machine may also be available in other languages (see your John Deere Dealer to order).

Sections in your operator's manual are placed in a specific order to help you understand all the safety messages and learn the controls so you can operate this machine safely. You can also use this manual to answer any specific operating or servicing questions. A convenient index located at the end of this book will help you to find needed information quickly.

The machine shown in this manual may differ slightly from your machine, but will be similar enough to help you understand our instructions.

RIGHT-HAND and LEFT-HAND sides are determined by facing in the direction the machine will travel when going forward. When you see a broken line arrow (----->), the item referred to is hidden from view.

Before delivering this machine, your dealer performed a predelivery inspection to ensure best performance.

Special Messages

Your manual contains special messages to bring attention to potential safety concerns, machine damage as well as helpful operating and servicing information. Please read all the information carefully to avoid injury and machine damage.



CAUTION: Avoid injury! This symbol and text highlight potential hazards or death to the operator or bystanders that may occur if the hazards or procedures are ignored.

IMPORTANT: Avoid damage! This text is used to tell the operator of actions or conditions that might result in damage to the machine.

NOTE: General information is given throughout the manual that may help the operator in the operation or service of the machine.

PRODUCT IDENTIFICATION

Product Compatibility

The 3-cubic foot tractor trunk is compatible with X400 and X500 series lawn and garden tractors.

Record Purchase Information

Record your purchase information in the spaces provided below.



MX13036

DATE OF PURCHASE:

DEALER NAME:

DEALER PHONE:

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Previous Editions

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OMM146690 A2 - English

SAFETY

Understanding The Machine Safety Labels



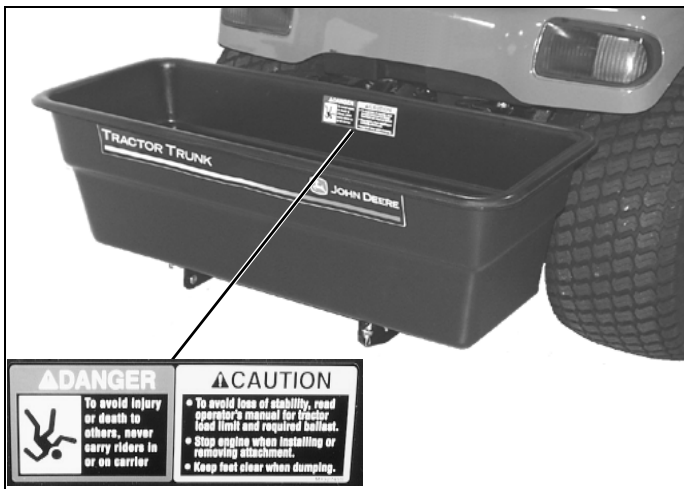
Safety-Alert Symbol

The machine safety labels shown in this section are placed in important areas on your machine to draw attention to potential safety hazards.

On your machine safety labels, the words **DANGER**, **WARNING**, and **CAUTION** are used with this safety-alert symbol. **DANGER** identifies the most serious hazards.

The operator's manual also explains any potential safety hazards whenever necessary in special safety messages that are identified with the word, **CAUTION**, and the safety-alert symbol.

DANGER



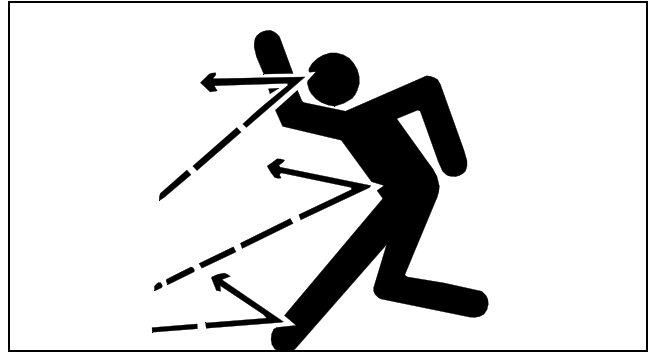
MX7459, MX13036

To avoid injury or death to others, never carry riders in or on carrier.

CAUTION

- To avoid loss of stability, read operator's manual for tractor load limit and required ballast.
- Stop engine when installing or removing attachment.
- Keep feet clear when dumping.

Operate Machine Safely



- Check vehicle brake action before you operate. Adjust or service brakes as necessary.
- Inspect machine before you operate. Be sure hardware is tight. Repair or replace damaged, badly worn, or missing parts. Be sure guards and shields are in good condition and fastened in place. Make any necessary adjustments before you operate.
- Clear work area of objects that might be thrown. Keep people and pets out of the work area. Stop machine if anyone enters the area.
- If you hit an object, stop the machine and inspect it. Make repairs before you operate. Keep machine properly maintained and in good working order.
- Do not leave machine unattended when it is running.
- Only operate during daylight or with good artificial light.
- Do not let anyone, especially children, ride on machine, or in or on carrier.
- Do not let children or an untrained person operate machine.
- Do not wear radio or music headphones while operating the machine. Safe operation requires your full attention.

Park Vehicle Safely

1. Stop machine on a level surface, not on a slope.
2. Disengage Power Take Off (PTO).
3. Lower attachments to the ground.
4. Lock the park brake.
5. Stop the engine.
6. Remove the key.
7. Wait for engine and all moving parts to stop before you leave the operator's seat.

SAFETY

Using Tractor Trunk Safely

Read, understand and follow all instructions in this attachment manual, the vehicle operator's manual and safety signs on equipment before starting.

Before You Remove, Install or Empty Tractor Trunk:

1. Stop Tractor.
2. Disengage PTO.
3. Stop Engine.

Before You Back Up:

1. Stop Tractor.
2. Look behind tractor trunk for children.

INSTALLING

Preparing the Vehicle

Required Equipment

Machine must be equipped with the following options to attach the tractor trunk:

- CLICK-N-GO™ Attaching Kit

Installing Ballast



CAUTION: Avoid injury! Ballast is required when the attachment is installed.

When the attachment is removed, you must also remove any ballast that was added to the machine.

Use only attachments and accessories recommended by the manufacturer.

Any of the following may be used as appropriate ballast:

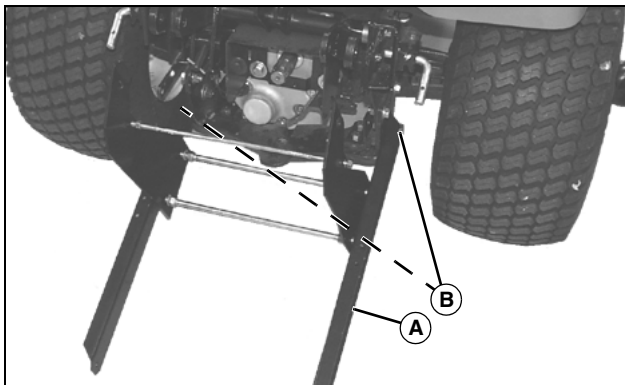
- mid-mount mower
- front attachment
- two front suitcase weights
- two front wheel weights

Installing Tractor Trunk



CAUTION: Avoid injury! Never carry riders in or on carrier. Keep feet clear when dumping. Follow load limitations and use proper ballast to maintain stability.

Make sure bucket is latched before loading.

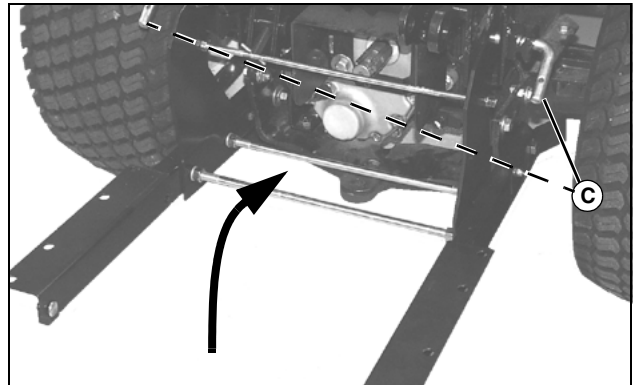


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Picture Note: Bucket removed for photo clarity.

1. Align tractor trunk frame assembly (A) with the lower

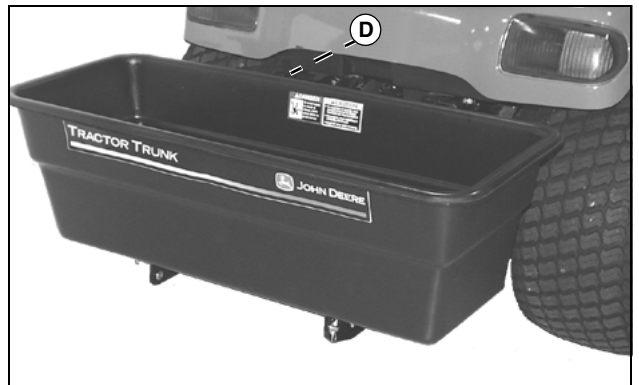
CLICK-N-GO pins (B) on tractor frame.



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Picture Note: Bucket removed for photo clarity.

2. Pivot the tractor trunk frame assembly upward until it latches in the CLICK-N-GO brackets, and the pins (C) click firmly into place.



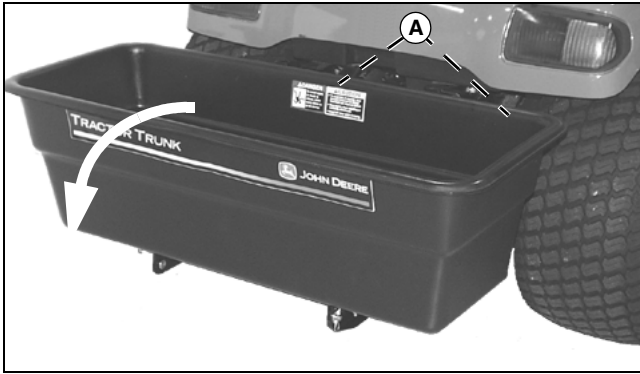
MX13036

3. Verify that the latch lever (D) is latched before loading.

REMOVING

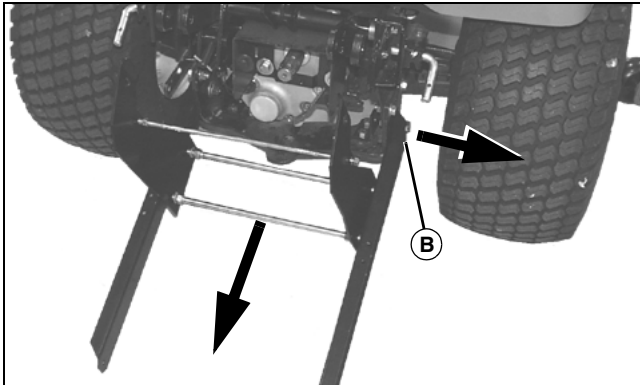
Removing Tractor Trunk

1. Empty the tractor trunk.



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2. Hold the tractor trunk firmly while turning the CLICK-N-GO locking pins (A) to the locked open position. Pivot tractor trunk assembly downward.



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Picture Note: Bucket removed for photo clarity.

3. Pull outward on mounting latch (B) and pull the tractor trunk assembly back and away from the machine. Repeat for other side.



CAUTION: Avoid injury!

When the attachment is removed, you must also remove any ballast that was added to the machine.

Use only attachments and accessories recommended by the manufacturer.

4. Remove any added ballast from machine.

OPERATING

Loading the Tractor Trunk

IMPORTANT: Avoid damage! Know what the weight of material is before loading the tractor trunk. Do not load beyond recommended capacity. Reduce ground speed when operating with the tractor trunk loaded.

The tractor trunk has a maximum volume of 0.085 m³ (3 cu ft) and has a maximum load capacity of 136 kg (300 lb).

Following are some examples of possible materials to be loaded into the tractor trunk and the approximate weight per cubic foot.

For materials not listed, determine weight before loading.

Material	Weight Per Cubic Foot
Dirt, Loose	34 kg (75 lb)
Dirt, Compacted	45.4 kg (100 lb)
Sand, Wet	56.7 kg (125 lb)
Sand, Dry	45.4 kg (100 lb)
Gravel, Medium-Size	49.4 kg (109 lb)

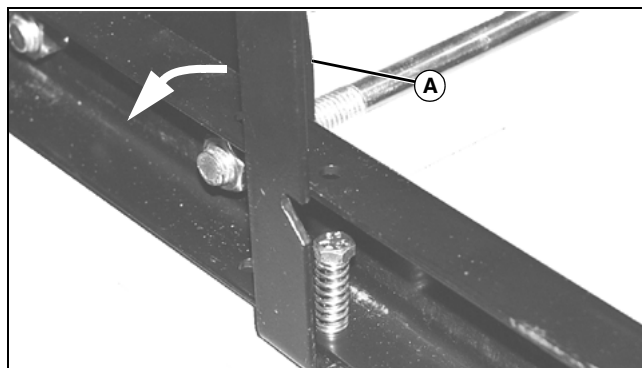
Operating Tractor Trunk Latch Lever



CAUTION: Avoid injury! Never carry riders in or on carrier. Keep feet clear when dumping. Follow load limitations and use proper ballast to maintain stability.

Make sure bucket is latched before loading.

1. Park tractor safely. (See Park Vehicle Safely in the Safety section.)



MX12037

2. Pull latch lever (A) to release tractor trunk, and push box away from tractor dump load.

IMPORTANT: Avoid damage! Do not push or level dumped load with tractor trunk in dumped position.



MX13036

3. When tractor trunk is emptied, raise trunk and lock into position on support frame.

Using Tractor Trunk for Rear Ballast

IMPORTANT: Avoid damage! Exceeding recommended ballast can cause damage to machine transmission. Wheel slippage helps prevent damage to the transmission. The heavier the ballast load, the less the wheels slip, causing the transmission to fail.

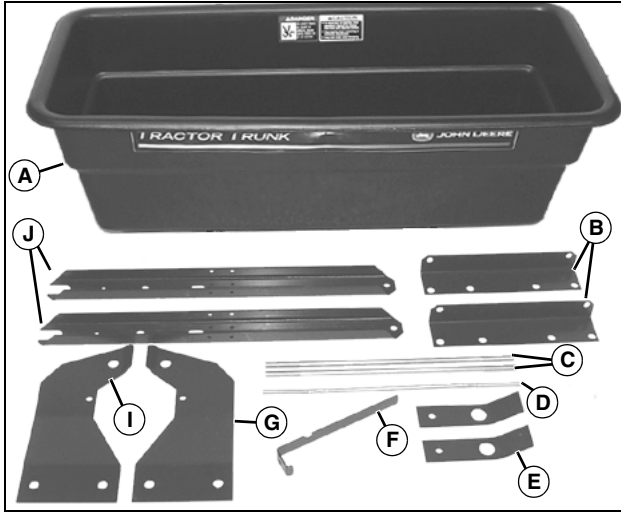
Your tractor trunk is ideal for carrying ballast to improve traction when blading or blowing snow. However, some tractor wheel slippage is essential for proper transmission operation.

Use only the amount of ballast necessary to provide suitable traction for the activity, and never load more than 136 kg (300 lb) of ballast in the tractor trunk box. Overloading your tractor trunk prevents adequate wheel slippage and can result in serious transmission damage.

For better traction and maneuverability, make sure your tractor is equipped with a mid-mount mower deck, front attachment or the required front ballast weights.

ASSEMBLY

Parts in Kit



MX13028

Parts in Box

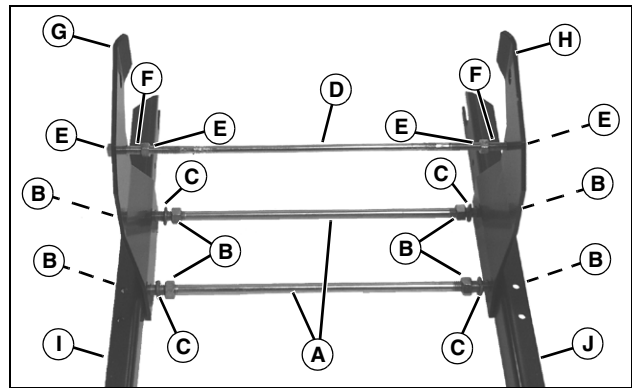
Qty.	Description
1	Tractor Trunk Box (A)
2	Box Support (B)
2	Stabilizer Rod, Large Diameter (C)
1	Stabilizer Rod, Small Diameter (D)
2	Latch, Locking (E)
1	Lever, Dump Latch (F)
1	Attaching Plate, Left Side (G)
1	Attaching Plate, Right Side (H)
2	Support Channel (I)

Parts in Bag

Qty.	Description
4	Nut, 3/8 in.
4	Bolt, Carriage, 5/16 x 1 in.
3	Capscrew, 1/4 x 1-1/2 in.
4	Lockwasher, 1/2 in.
2	Washer, 3/8 in.
3	Nut, Nylon Lock 1/4 in.
4	Nut, Flanged, 5/16 in.
2	Lockwasher, 3/8 in.

Qty.	Description
8	Nut, 1/2 in.
2	Pin, Drilled, 3/8 x 3/4 in.
2	Pin, Spring Locking, Small
3	Spring
1	Cover, Latch Lever
2	Washer, 1/2 in.

Assemble Tractor Trunk Frame



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Picture Note: Bucket frame shown pre-assembled for clarity.

1. On a flat surface, assemble the large stabilizer rods (A) by installing 1/2 in. nuts (B) on each end of the rod, followed by a 1/2 in. lockwasher (C).
2. Assemble small stabilizer rod (D) by installing 3/8 in. nuts (E) on each end of the rod, followed by a 3/8 in. lockwasher (F).

3. Slide left attaching plate (G) and right attaching plate (H) on small and large stabilizer rods.

NOTE: Position support channels with notched ends as shown.

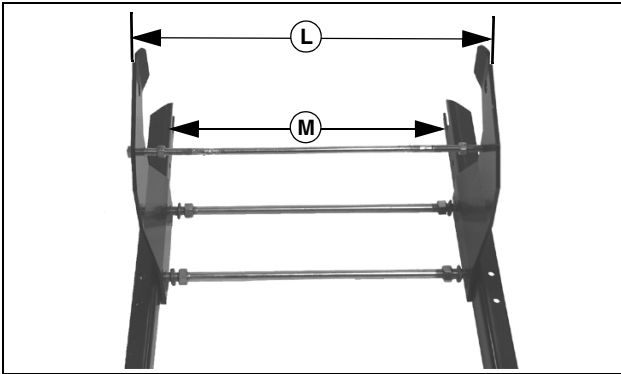
4. Slide support channels (I) and (J) on small and large stabilizer rods over attaching plates.

NOTE: Install 1/2 in. washers at location (B) over slotted holes.

5. Install 3/8 in. nuts (E) on small stabilizer rod and 1/2 in. nuts (B) on large stabilizer rods.

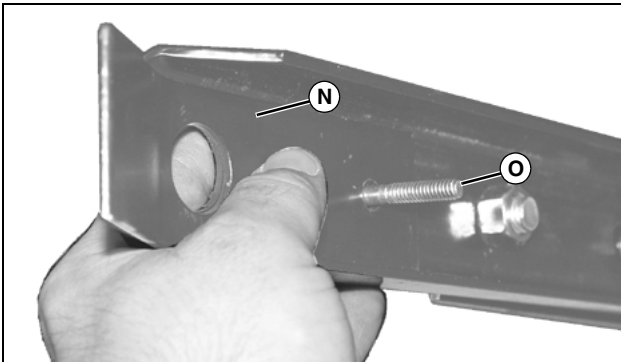
ASSEMBLY

NOTE: Further adjustment of tractor trunk frame may be necessary when installing to the tractor.



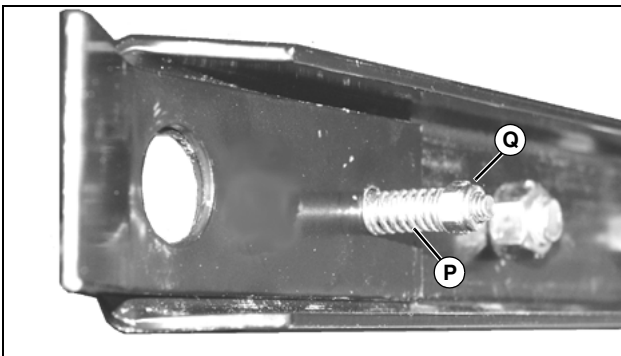
MX13031

6. Adjust distance between the outside edges of the attaching plates (L) to be approximately 16-3/4 in. (425 mm) and the point between the inside edges of the support channels (M) to be approximately 15-9/16 in. (395 mm). Tighten hardware.



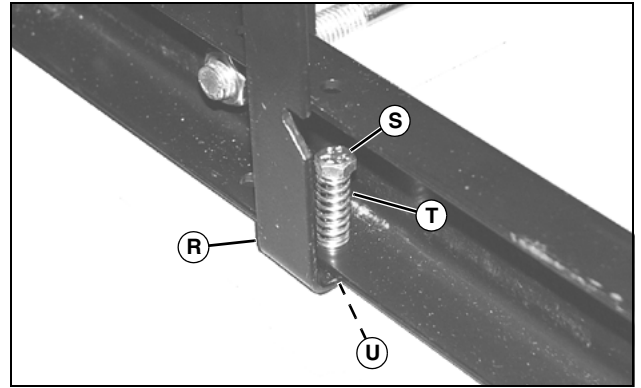
MX13033

7. Install locking latch (N) to each support channel and install 1/4 x 1-1/2 in. cap screw (O).



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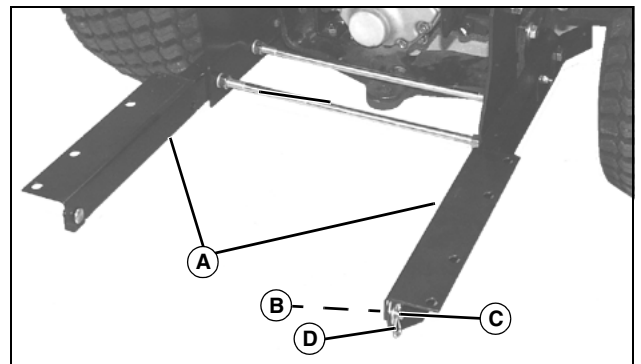
8. Install spring (P) over cap screw and install locknut (Q). Tighten nut until cap screw passes through locknut approximately 1/2 in.



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9. Install locking latch lever (R) to left side support channel using 1/4 x 1-1/2 in. cap screw (S), spring (T) and locknut (U). Tighten nut until cap screw passes through locknut approximately 1/2 in. (12.7 mm).

Install Tractor Trunk Box

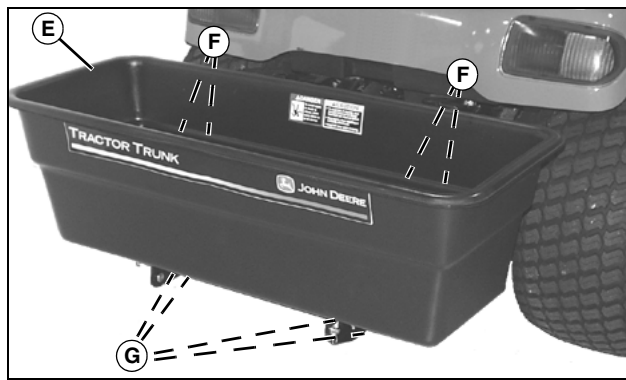


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Picture Note: Frame installed on machine for photo clarity.

1. Install box supports (A) to each of the support channels using 3/8 x 3/4 in. drilled pin (B), 3/8 in. washer (C) and small spring locking pin (D).

ASSEMBLY



MX13036

Picture Note: Kit installed on machine for photo clarity.

2. Install tractor trunk box (E) to frame using 5/16 x1 in. carriage bolts (F) and 5/16 in. flanged nuts (G) and tighten.

SPECIFICATIONS

Specifications

Tractor Trunk Specifications

Maximum Load capacity:

Volume085 m³ (3 cu ft)

Maximum Weight 136 kg (300 lb)

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NOTES

JOHN DEERE QUALITY STATEMENT

John Deere Quality



MIF

John Deere equipment is more than just a purchase, it's an investment in quality. That quality goes beyond our equipment to your John Deere Dealer's parts and service support. This support is needed to keep you a satisfied customer.

That's why John Deere has initiated a process to handle your questions or problems, should they arise. The following three steps will help guide you through the process.

Step 1

Refer to your operator's manual

- | | |
|---|---|
| A. It has many illustrations and detailed information on the safe and proper operation of your equipment. | C. It gives ordering information for parts catalogs, service and technical manuals. |
| B. It gives troubleshooting procedures, and specification information. | D. If your questions are not answered in the operator's manual, then go to Step 2. |

Step 2

Contact your dealer (Call 1-800-537-8233 to locate your nearest John Deere Dealer)

- | | |
|---|---|
| A. Your John Deere Dealer has the responsibility, authority, and ability to answer questions, resolve problems, and fulfill your parts and service needs. | C. If the parts and service people are unable to resolve your problem, see the dealership manager or owner. |
| B. First, discuss your questions or problems with your dealer's trained parts and service staff. | D. If your questions or problems are not resolved by the dealer, then go to Step 3. |

Step 3

Call the John Deere Customer Communications Center

- | | |
|--|--|
| A. Your John Deere Dealer is the most efficient source in addressing any concern, but if you are not able to resolve your problem after checking your operator's manual and contacting your dealer, call the Customer Communications Center. | |
| B. For prompt, effective service, please have the following ready before you call: | |
| The name of the dealer with whom you've been working. | Your 13-digit serial number which you recorded on the inside front cover of this manual. |
| Your equipment model number. | If the problem is with an attachment, your attachment identification number. |
| Number of hours on machine (if applicable). | |
| C. Then call 1-800-537-8233 and our advisor will work with your dealer to investigate your concern. | |