



JOHN DEERE

OPERATOR'S MANUAL

Utility Cart

13 and 18

1018391-B

02 / 06 / 2024

English, French & Spanish

Introduction

Using Your Operator's Manual

Read this entire operator's manual, especially the safety information, before operating.

This manual is an important part of your machine. Keep all manuals in a convenient location so they can be accessed easily.

Use the safety and operating information in the attachment operator's manual, along with the machine operator's manual, to operate and service the attachment safely and correctly.

If your attachment manual has a section called Preparing the Machine, it means that you will have to do something to your tractor or vehicle before you can install the attachment. The Assembly and Installation sections of this manual provide information to assemble and install the attachment to your tractor or vehicle. Use the Service section to make any needed adjustments and routine service to your attachment.

If you have any questions or concerns with the assembly, installation, or operation of this attachment, see your local John Deere dealer.

Warranty information on this John Deere attachment can be found in the warranty statement included in this manual.

Product Compatibility

13 Utility Cart

- Designed for use with all lawn and garden products.

18 Utility Cart

- Compatible with lawn and garden products.
- Compact Tractors:
1023E, 1025R & 2025R MY18 and newer.

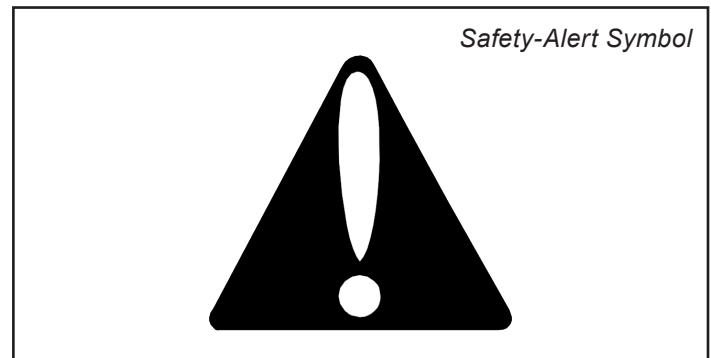
Original instructions. All information, illustrations and specifications in this manual are based on the latest information available at the time of publication.

The right is reserved to make changes at any time without notice.

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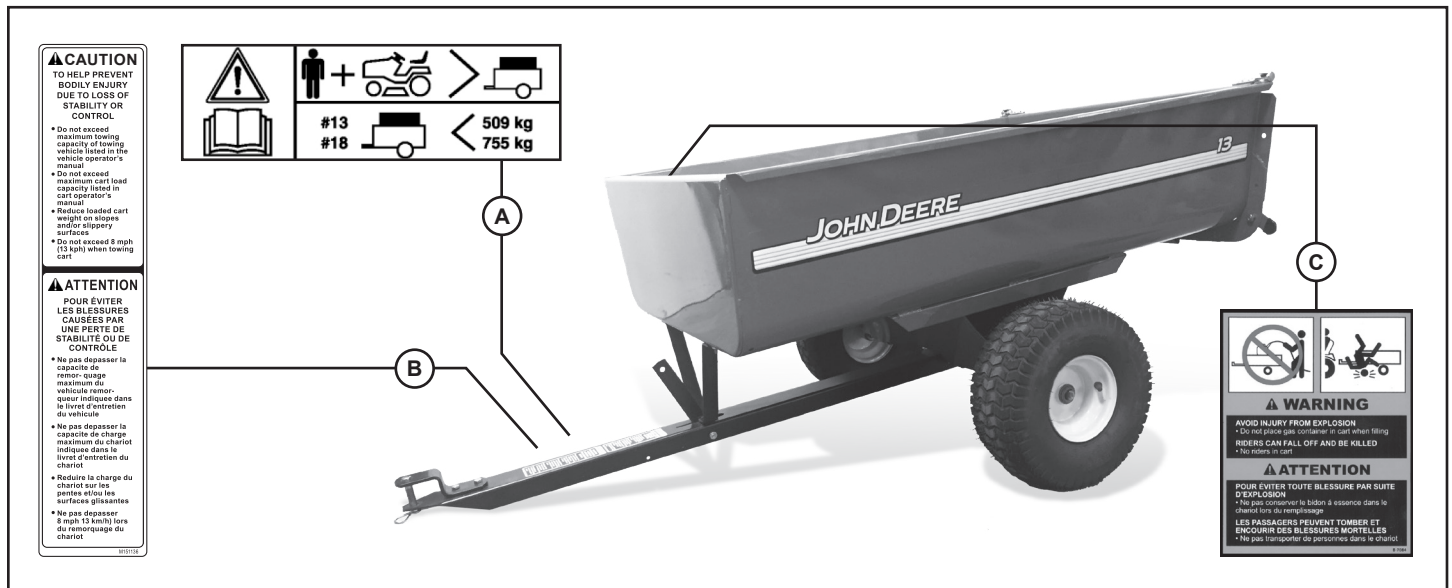
Pictorial Safety Labels



At several important places on this machine safety labels are affixed intended to signify potential danger. The hazard is identified by a pictorial in a warning triangle. An adjacent pictorial provides information how to avoid personal injury. These safety labels, their placement on the machine and a brief explanatory text are shown in this Safety section.

Safety Labels

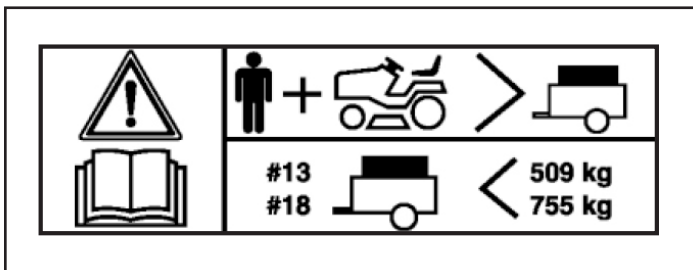
Caution / Warning Labels: A, B and C



Picture Notes:

- Use label letters (noted above) to reference the complete text of safety label messages on pages 3-4 of this manual.
- No-text labels are required for certain regions of the world. (*Your cart may not be equipped with all three labels.*)

Warning Label A



B7084-B

To help prevent bodily injury due to loss of stability or control:

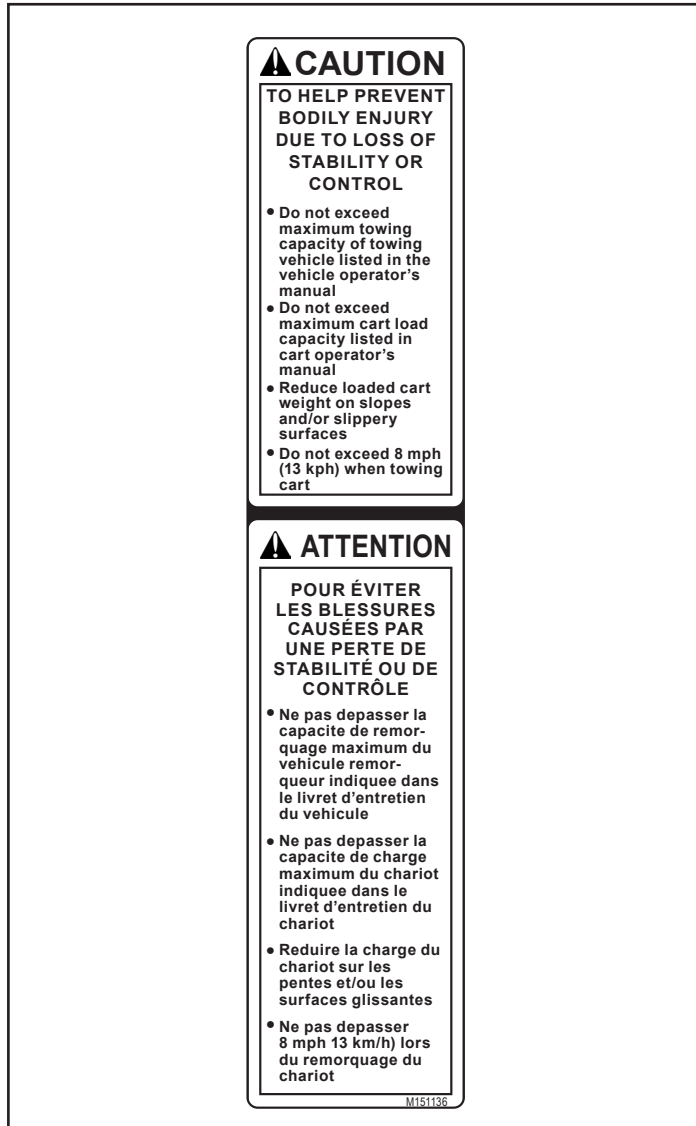
- Read operator's manual.
- Tractor and operator combined weight must exceed cart weight.

- Do not exceed maximum cart load capacity listed in cart operator's manual.
- Reduce loaded cart weight on slopes and/or slippery surfaces.
- Do not exceed maximum towing capacity of towing vehicle listed in the vehicle operator's manual.

Cart Model	Loaded Weight Capacity
13	509 kg (1120 lb)
18	755 kg (1660 lb)

Safety Labels

Caution Label B



B7084-B

TO HELP PREVENT BODILY ENJURY DUE TO LOSS OF STABILITY OR CONTROL

- Do not exceed maximum towing capacity of towing vehicle listed in the vehicle operator's manual
- Do not exceed maximum cart load capacity listed in cart operator's manual
- Reduce loaded cart weight on slopes and/or slippery surfaces
- Do not exceed 8 mph (13 kph) when towing cart

Warning Label C



B7084-B

Avoid Injury From Explosion

- Do not place gas container in cart when filling.

Riders can fall off and be killed

- No riders in cart.

Safety

Safety

Read the general safety operating precautions in your machine operator's manual for additional safety information.

Operate Safely

- Do not let children or an untrained person operate machine.
- Do not let anyone, especially children, ride on machine or attachment. Riders are subject to injury such as being struck by foreign objects and being thrown off. Riders may also obstruct the operator's view, resulting in the machine being operated in an unsafe manner.
- This attachment is intended for use in lawn care and home applications. Do not tow behind a vehicle on a highway or in any high speed application.
- Check machine brake action before you operate. Adjust or service brakes as necessary.
- Do not operate machine at high speeds when you tow the cart. Travel slowly over rough ground.
- Keep all parts in good condition and properly installed. Fix damage immediately. Replace worn or broken parts. Replace all worn or damaged safety and instruction decals.
- Do not modify machine or safety devices. Unauthorized modifications to the machine or attachment may impair its function and safety.

Towing Loads Safely

- Stopping distance increases with speed and weight of towed load. Travel slowly and allow extra time and distance to stop.
- Total towed weight must not exceed limits specified in towing vehicle operator's manual.
- Excessive towed load can cause loss of traction and loss of control on slopes. Reduce towed weight when operating on slopes.
- Never allow children or others in or on towed equipment.
- Use only approved hitches. Tow only with a machine that has a hitch designed for towing. Do not attach towed equipment except at the approved hitch point.
- Follow the manufacturer's recommendations for weight limits for towed equipment and towing on slopes. Use counterweights or wheel weights as described in the machine operator's manual.
- Do not turn sharply. Use additional caution when turning

or operating under adverse surface conditions. Use care when reversing.

- Do not shift to neutral and coast downhill.

Protect Bystanders

- Keep bystanders away when you operate cart.
- Before you back machine and cart, look carefully behind cart for bystanders.

Keep Riders Off Cart

Keep riders out of cart.

Riders in cart are subject to injury, such as being struck by objects and being thrown off the cart during sudden starts, stops and turns.

Riders obstruct the operator's view, resulting in the cart being used in an unsafe manner.

Keep riders off of hitch bracket.

Keep Feet From Under Drawbar

Before you disconnect cart from machine hitch plate:

- Unload cart.
- Stop cart on level ground.
- Stop engine.
- Lock park brake.
- Block cart wheels.
- Make sure feet are not under drawbar.

Wear Appropriate Clothing



- Always wear eye protection when operating the machine.
- Wear close fitting clothing and safety equipment appropriate for the job.
- While operating this machine, always wear substantial footwear and long trousers. Do not operate the equipment when barefoot or wearing open sandals.
- Wear a suitable protective device such as earplugs. Loud noise can cause impairment or loss of hearing.

Assembly

Parts

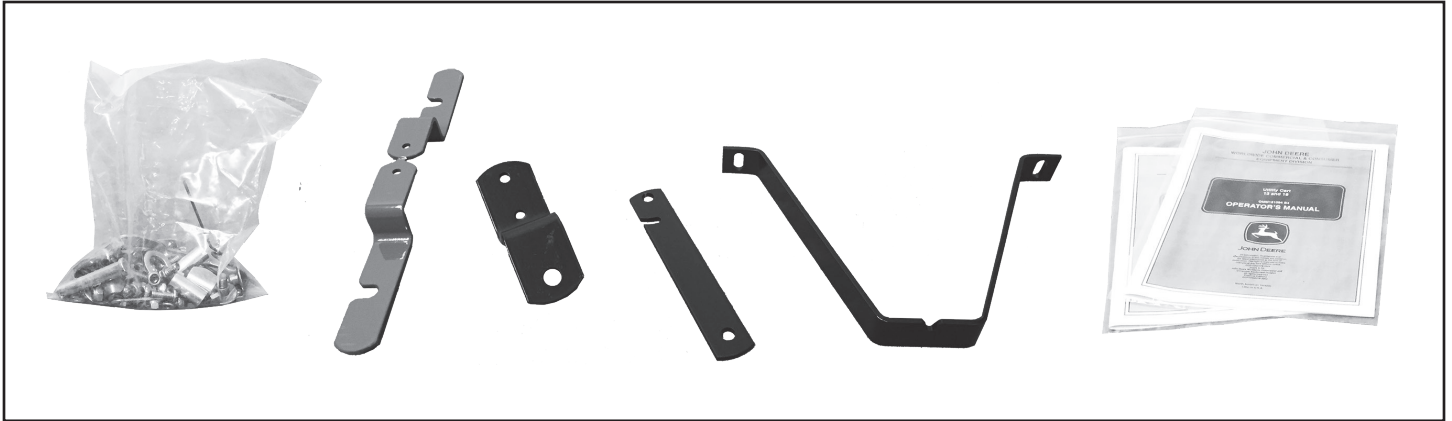


Large Parts

Cart Box	1	Drawbar	1
Wheel and Tire Assembly	2	Tailgate	1
Axle Support	1	Axle (Installed in axle support)	1

Assembly

Parts



Parts in Box

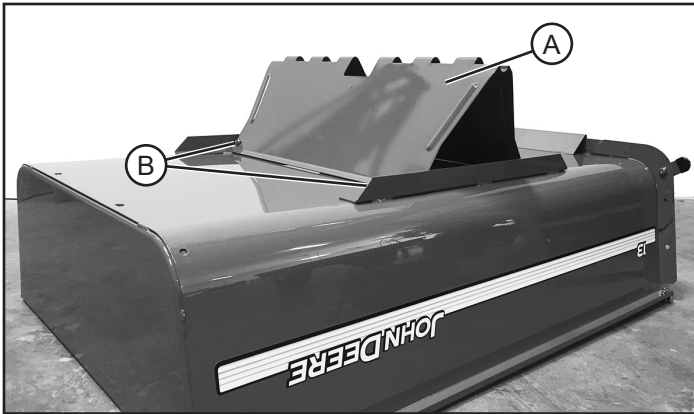
Tailgate Latches (<i>Must be separated</i>)	2	Lock Nut, 3/8 in.	3
Lock Bracket	1	Hex Head Screw, 5/16 x 1/2 in.	4
Drawbar Pin, 1/2 x 2 1/2 in.	1	Large Flat Washer, 3/4 in. (Axle)	4
Cotter Pin, 1/8 in.	1	Drawbar Spacer, 1-1/4 in. (Model 13)	2
Clevis	1	Drawbar Spacer, 1 in. (Model 18)	2
Lock Bar	1	Bolt, 3/8 x 3-1/2 in. (Model 13)	1
Handle Spring	1	Bolt, 3/8 x 3 in. (Model 18)	1
Tailgate Lock Bracket	2	Spacer, 1/2 in. (Axle) (Model 18)	2
E-Ring	2	Lock Washer, 1/4 in.	6
Tailgate Pin	2	Hex Nut, 1/4 in.	6
Black Vinyl Cap	2	Hex Head Bolt, 5/16 x 3/4 in. (Model 18)	4
Black Rubber O-Ring	2	Round Head Machine Screw 1/4 x 3/4 in.	8
Shoulder Bolt	2	Hex Lock Nut, 1/4 in.	2
Bolt, 5/16 x 1 in. (Model 13)	4	Hex Lock Nut, 5/16 in. (Model 13)	8
Bolt, 5/16 x 1 in. (Model 18)	2	Hex Lock Nut, 5/16 in. (Model 18)	10

Assembly

WHILE ASSEMBLING CART, DO THE FOLLOWING:

- Place pieces of carton under cart box to help avoid scratching the finish.
- Put all bolt heads to the inside of the cart box.
- Remove the protective covering from the side decals
- *NOTE:* The assembly instructions shown are using the model 13 utility cart except when stated.

Step 1. Install Axle Support



1. Install axle support (A) to box with four 5/16 x 1/2 in. hex head bolts and four lock nuts (B).
2. Tighten nuts.

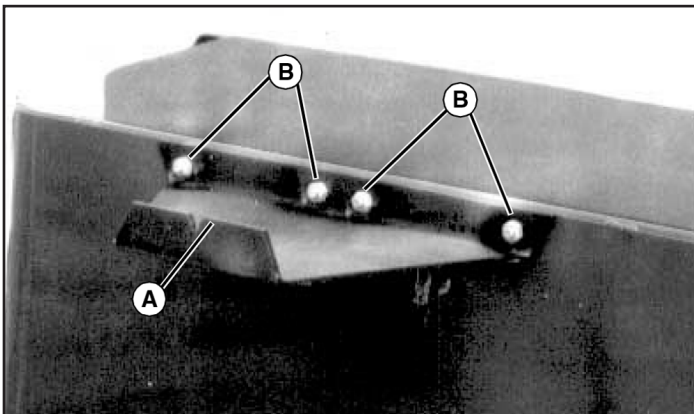
Step 2. Install Lock Bracket (Model 13)



NOTE: Make sure notch on lock bracket is facing to the front of the cart.

1. Put lock bracket (A) on cart.
2. Install two 5/16 x 1 in. hex head bolts and lock nuts (B) through cart box and lock bracket.
3. Tighten nuts.

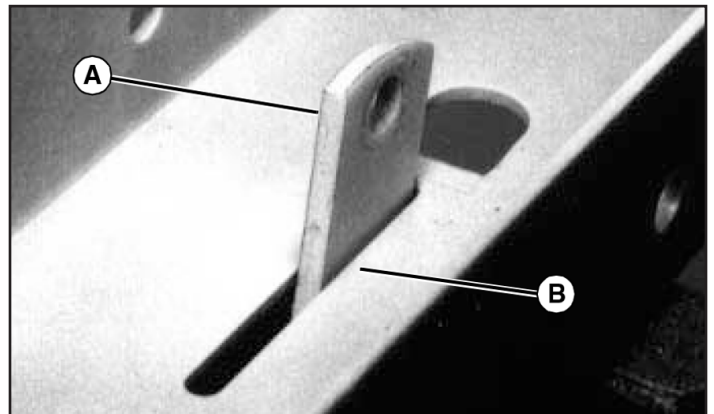
Step 3. Install Lock Bracket (Model 18)



NOTE: Make sure notch on lock bracket is facing to the front of the cart.

1. Put lock bracket (A) on cart.
2. Install four 5/16 x 3/4 in. hex head bolts and lock nuts (B) through cart box and lock bracket.
3. Tighten nuts.

Step 4-A. Assemble Cart Lock Bar

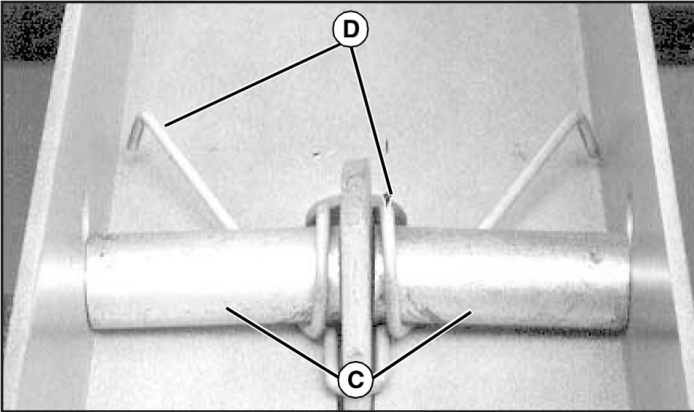


Picture Note: Bottom of drawbar shown

1. Place cart lock bar (A) through slot in drawbar with notch in lock bar (B) to rear of cart.

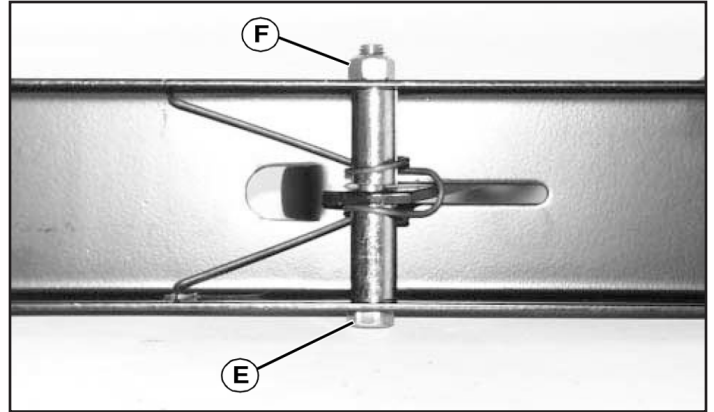
Assembly

Step 4-B. Assemble Cart Lock Bar



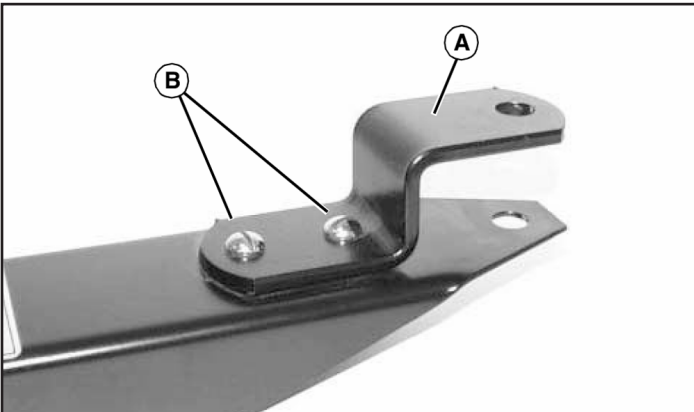
2. Place spacers (C) and spring (D) in drawbar as shown.
NOTE: Pull up on lock bar while installing bolt. This will help to align the bolt with the hole on the other side of the drawbar.

Step 4-C. Assemble Cart Lock Bar



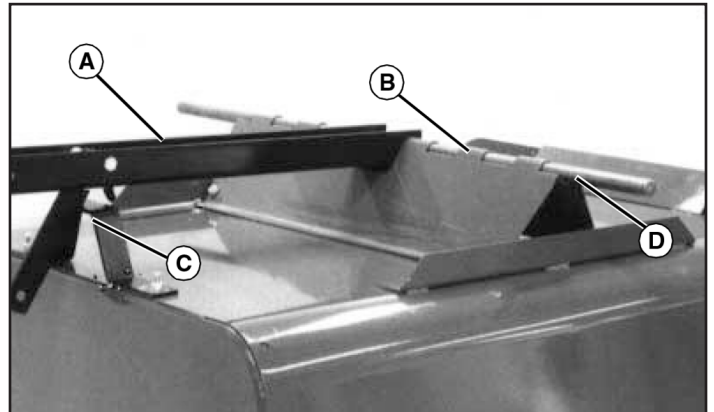
3. Install bolt (E) through spacers. Secure with lock nut (F) so lock bar moves forward and backward freely.

Step 5. Install Clevis



1. Place clevis (A) on cart drawbar.
2. Install two 5/16 x 1 in. round head bolts (B) through clevis and cart drawbar.
3. Fasten with two lock nuts.
4. Tighten nuts.

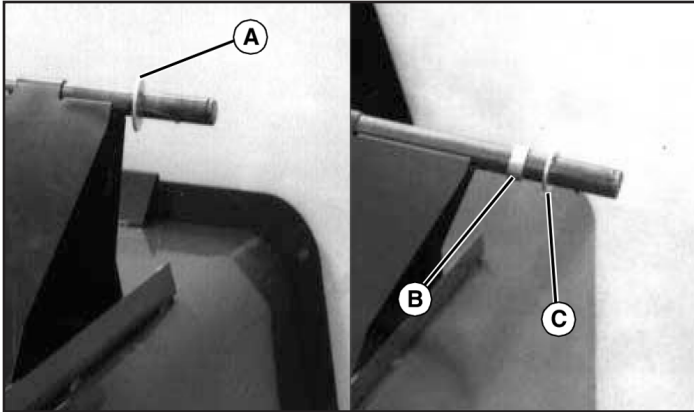
Step 6. Install Cart Drawbar and Axle



1. Place drawbar (A) on axle support (B) and lock bracket (C).
2. Slide axle (D) through axle support and drawbar.

Assembly

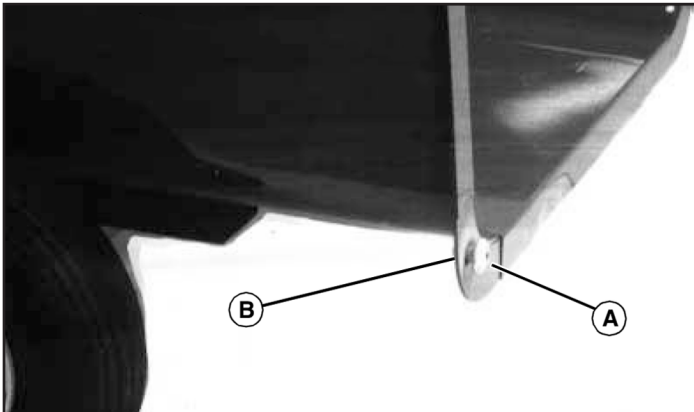
Step 7-A. Installing Cart Wheels



1. Install spacers and washers.
 - Model 13: Slide one large flat washer (A) on axle. No spacers needed for this model.
 - Model 18: Slide one 1/2 in. spacer (B) and one large flat washer (C) on axle.

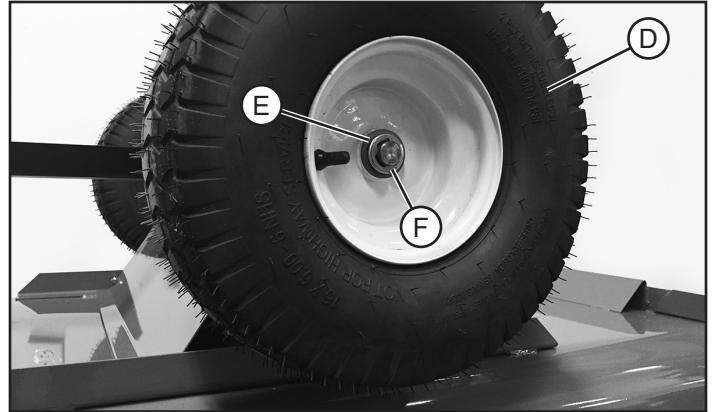
NOTE: Put a dab of grease on each end of axle, before installing wheels. This will make installing wheels on axle easier.

Step 8. Install Shoulder Bolts



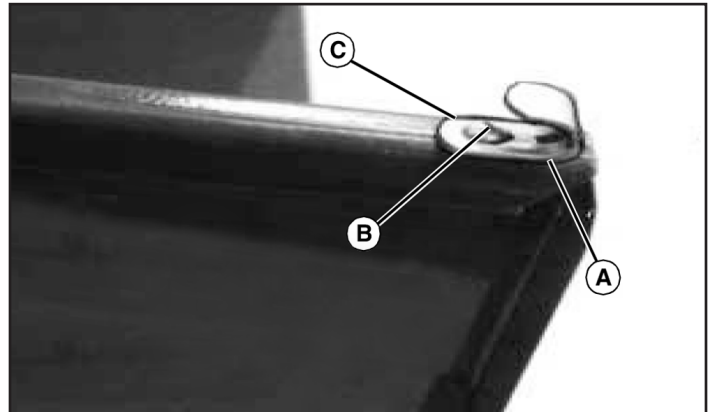
1. Put one shoulder bolt (A) through cart box rear flange and put one lock nut (B) on bolt.
2. With bolt positioned in center of slot, tighten nut.
3. Repeat above steps for the other side.

Step 7-B. Installing Cart Wheels



2. Put one wheel (D) (valve stem to the outside) on axle.
3. Put one large flat washer (E) and one E-ring (F) on axle.
4. Repeat steps for other wheel.
5. Inflate tires to correct tire pressure.
6. Grease wheel bearings with John Deere multipurpose grease or an equivalent.

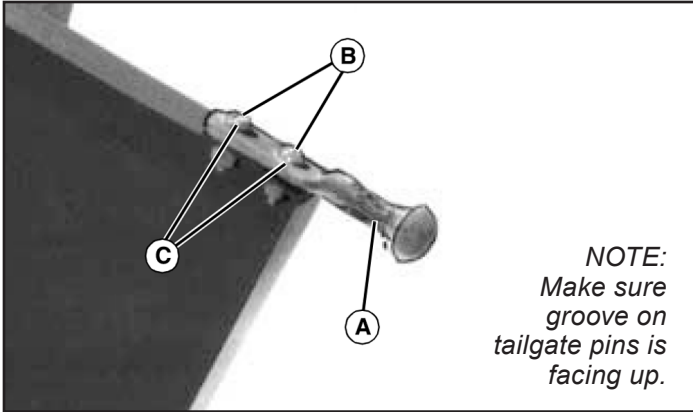
Step 9. Install Lock Brackets



1. Put one lock bracket (A) on cart box and install one 1/4 x 3/4 in. round head machine screw (B)
2. Put one lock washer and one hex nut (C) on round head machine screw.
3. Tighten nut.
4. Repeat steps for the other side.

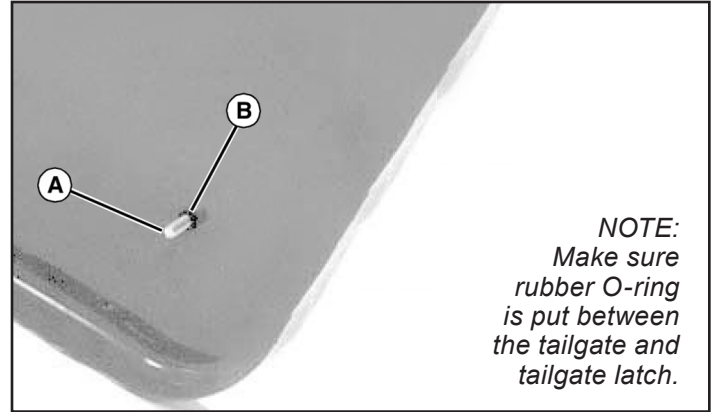
Assembly

Step 10. Install Tailgate Pins



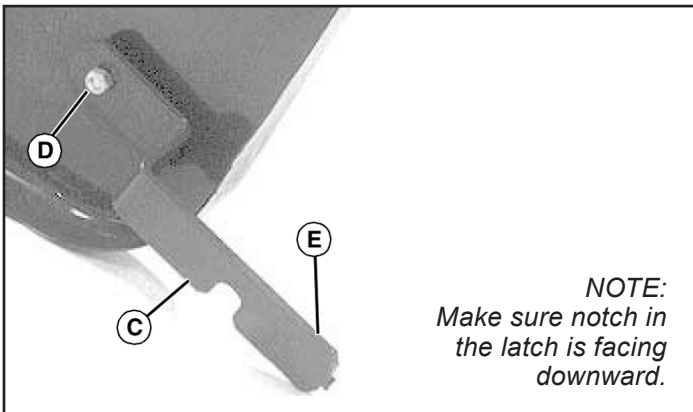
1. Put one tailgate pin (A) on top of tailgate.
2. Install two 1/4 x 3/4 in. round head machine screws (B) through tailgate pin and tailgate.
3. Install two lock washers, and two hex nuts (C) on round head machine screws.
4. Tighten nuts.
5. Repeat for the other side.

Step 11-A. Install Tailgate Latches



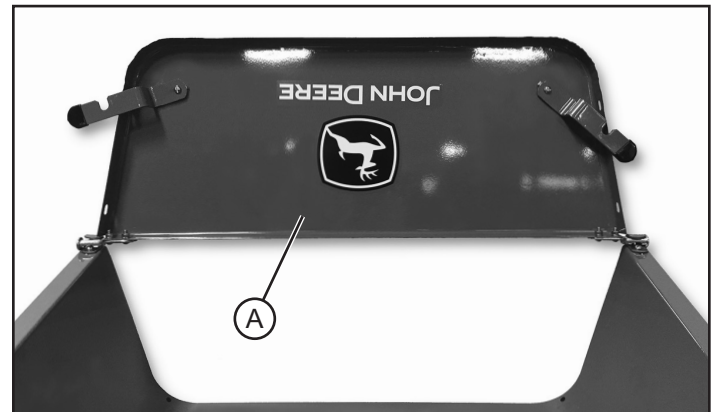
1. Break tailgate latch at perforation. Smooth edges with a hand file or grinder.
2. Put one 1/4 x 3/4 in. round head machine screw (A) through tailgate.
3. Put one rubber O-ring (B) on round head machine screw.

Step 11-B. Install Tailgate Latches



4. Put one tailgate latch (C) on round head machine screw.
5. Install one lock nut (D) on the round head machine screw.
NOTE: Do not overtighten nut. Latch must pivot easily.
6. Tighten nut.
7. Install one vinyl cap (E) on latch.
8. Repeat to install other latch.

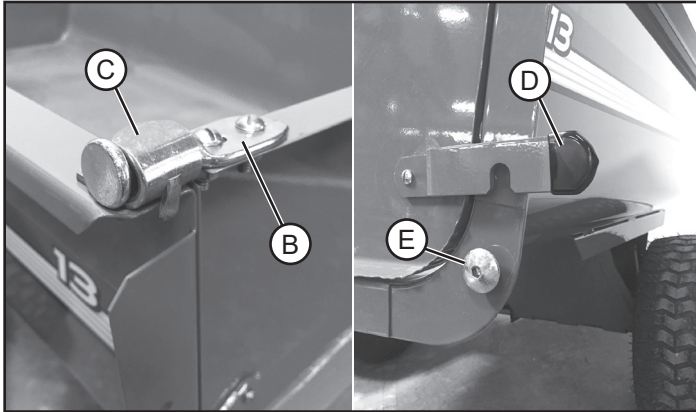
Step 12-A. Install Tailgate On Cart Box



1. Hold tailgate (A) with notches on tailgate pins in the down position.

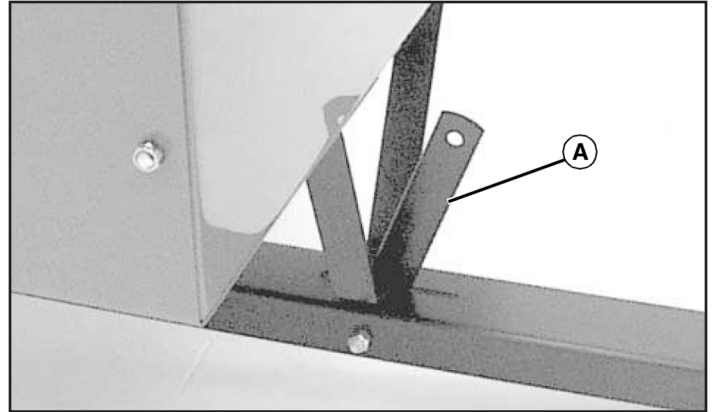
Assembly and Installing

Step 12-B. Install Tailgate On Cart Box



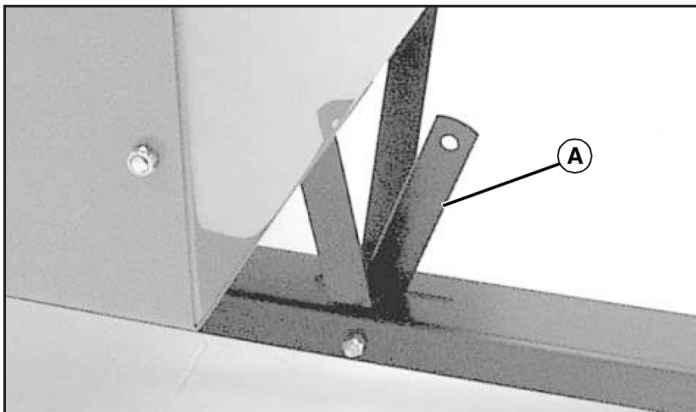
2. Slide tailgate pins (B) into lock brackets (C).
3. Swing tailgate down 180°.
4. Push each tailgate latch (D) down onto shoulder bolt (E).

Step 13-A. Installing Cart



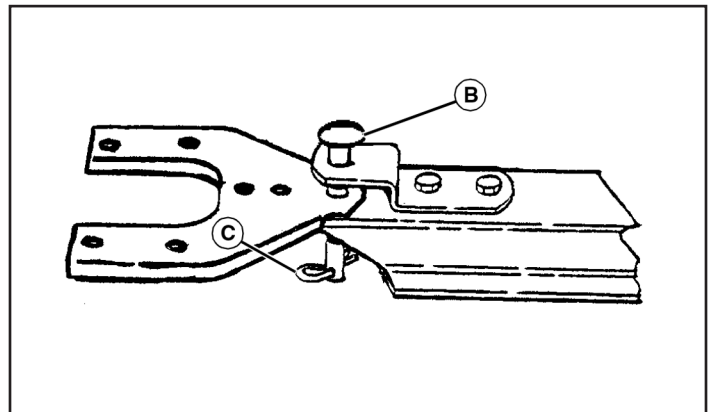
CAUTION: Avoid injury! Before installing cart, make sure transport latch is facing toward cart dump lever and dump lever (A) is locked in place.

Step 13-B. Installing Cart



1. Lock cart lock bar (A) in place.
2. Park machine safely.
(See *Parking Safely in the Safety section.*)
3. Align cart drawbar with machine drawbar.

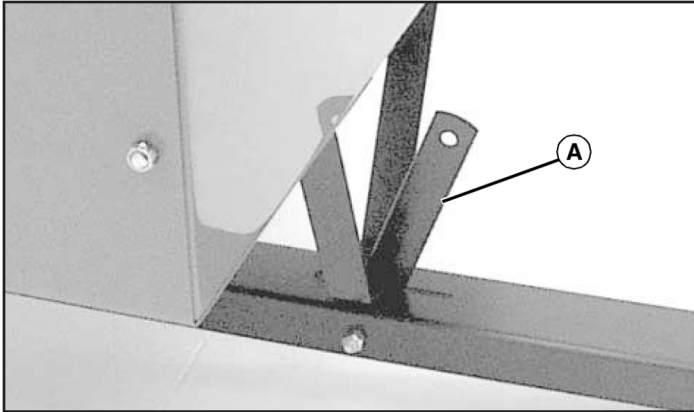
Step 13-C. Installing Cart



4. Install drawbar pin (B) through cart drawbar and machine drawbar.
5. Fasten with cotter pin (C).

Removing and Operating

Step 1. Removing Cart



CAUTION: Avoid injury! Before installing cart, make sure transport latch is facing toward cart dump lever and dump lever (A) is locked in place.

NOTE: Refer to illustrations in the Installing Section, earlier in this manual.

1. Park machine safely.
(See *Parking Safely in the Safety section.*)
2. Unload cart.



CAUTION: Avoid injury! Keep feet away from under drawbar.

3. Remove cotter pin and drawbar pin.
4. Push cart away from machine. Block cart wheels.
5. Install drawbar pin and cotter pin in cart drawbar for storage.

Step 1-A. Determining Weight Limit



CAUTION: Avoid injury! Excessive towed load can cause loss of traction and loss of control on slopes. Stopping distance increases with speed and weight of towed load. Total towed weight must not exceed combined weight of pulling machine, ballast and operator.

The following maximum loaded cart weight capacities are the average weight of each cart model loaded with dry sand leveled with the top of the cart.

Cart Model	Loaded Weight Capacity
13	509 kg (1120 lb)
18	755 kg (1660 lb)

Step 1-B. Determining Weight Limit



CAUTION: Avoid injury! If additional weight is required when towing a cart, add weight at or forward of the rear wheels. Adding weight behind the rear wheels can affect machine steering.

Towing cart capacity will vary with weight of towing machine and operator. Add the weight of your machine to operator weight to find the maximum capacity of the towing cart.

With all cart usage, the cart load should be reduced when operating on slopes or slippery surfaces to maintain stability.

Example:

If Towing Machine Weighs	225 kg (500 lb)
Add Your Weight	90 kg (200 lb)
<hr style="border-top: 1px dashed black;"/>	
Combined Weight Equals	315 kg (700 lb)

To maintain stability using the cart in this example, you cannot safely carry more than 315 kg (700 lb) without first adding additional ballast to the towing machine.

Operating and Specifications

Step 2. Using Tailgate



- To Raise the Tailgate:**
1. Pull tailgate latches (A) up.
 2. Lift tailgate.

- To Remove Tailgate:**
1. Pull tailgate latches (A) up.
 2. Swing tailgate up 180°.
 3. Slide tailgate forward to remove.

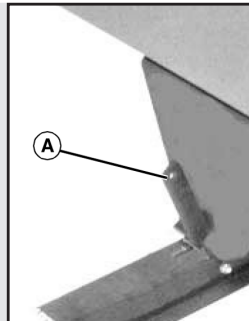
Cart Specifications

Part Number	MODEL 13 CART	MODEL 18 CART
Box Capacity (Heaped)	0.37m ³ (13 cu ft)	0.51m ³ (18 cu ft)
Maximum Load	454kg (1000 lb)	680kg (1500 lb)
Maximum Tongue Weight	45kg (100 lb)	45kg (100 lb)
Empty Weight	48kg (105 lb)	68kg (150 lb)
Tire Size	15.00 x 6.00 - 6	16.00 x 6.50 - 8
Tire Inflation Pressure	97 kPa (14 psi)	193 kPa (28 psi)

Step 3. Unloading Cart

CAUTION: Avoid injury!
Before dumping cart:

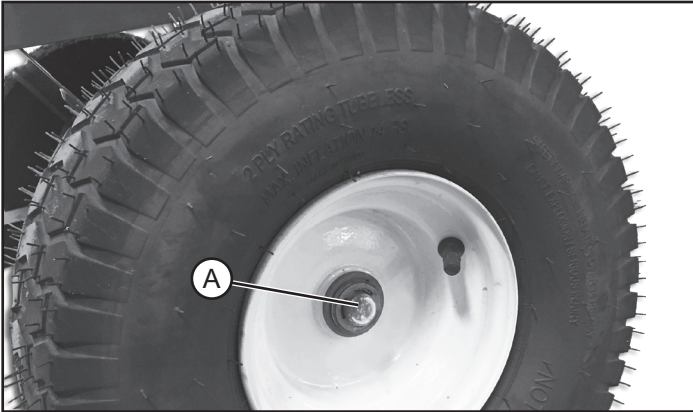
- Park machine safely.
- Before backing up, make sure area is clear of bystanders, especially children.
- Make sure cart is installed to the towing machine.



1. Park machine safely.
(See *Parking Safely in the Safety section.*)
2. Pull each tailgate latch up, or remove tailgate.
3. Move lock bar (A) forward to release box. Unload cart.
4. Push cart down and move lock bar toward cart and lock into place.
5. Push each tailgate latch down and lock over shoulder bolt.

Service and Troubleshooting

Service Step 1. Lubricating Wheel Bearings



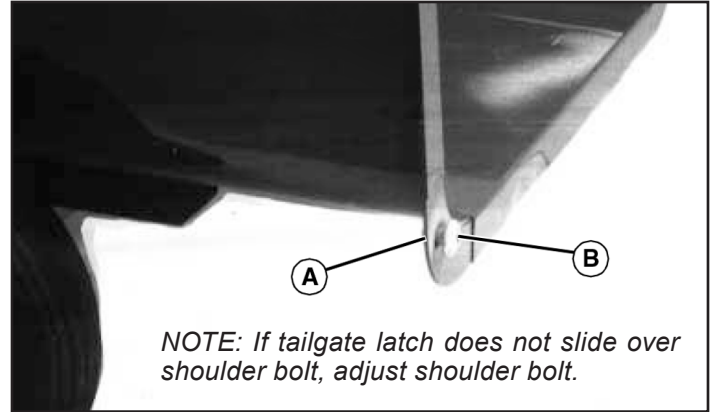
Lubricate each wheel bearing (A) with John Deere multipurpose grease or an equivalent.

General Maintenance

NOTE: Unload cart before performing any maintenance or service.

- Lubricate wheel bearings annually or more frequently with heavy use.
- Wash cart bed after each use to avoid damage to bed or hardware.
- Check tire pressure with an accurate gauge, add or remove air if necessary.

Service Step 2. Adjusting Shoulder Bolts



NOTE: If tailgate latch does not slide over shoulder bolt, adjust shoulder bolt.

1. Unlatch tailgate latch.

NOTE: Tailgate does not have to be removed to adjust shoulder bolt. Tailgate is removed for photo clarity only.

2. Loosen nut (A) slightly.
3. Move shoulder bolt (B) in slot until latch will catch on shoulder bolt.
4. Tighten nut.

John Deere Quality Continues with Quality Service

John Deere provides a process to handle your questions or problems, should they arise, to ensure that product quality continues with quality parts and service support.

Follow the steps below to get answers to any questions you may have about your product.

1. Refer to your attachment and machine operator manuals.
2. In North America or Canada, call Licensee Name Customer Service at 1-866-218-8622 and provide product serial number (if available) and model number.

Warranty

Limited Warranty for New John Deere Licensed Products

A. General Provisions – The warranties described below are provided by manufacturer, Brinly Hardy Company, on John Deere Licensed products to the original purchaser of new Lawn and Garden attachments from authorized John Deere Dealers & Retailers. Under these warranties, the manufacturer will repair or replace, at its option, any covered part found to be defective in material or workmanship during the applicable warranty term. The purchaser will be responsible, however, for any service call and / or transportation of product to and from the dealer's place of business, for any premium charged for overtime labor requested by the purchaser, and for any service and/or maintenance not directly related to any defect covered under the warranties below.

B. What is warranted – All parts of any new John Deere Licensed product, are warranted for the number of months specified below. When you call please have the serial number, if applicable, and model number.

C. What is not warranted – 1) Used products; (2) Any product that has been altered or modified in ways not approved by the manufacturer; (3) Depreciation or damage caused by normal wear, lack of reasonable and proper maintenance, failure to follow operating instructions, misuse, lack of proper protection during storage, or accident; (4) normal maintenance parts and service.

D. Securing Warranty Service – To secure warranty service, the purchaser must (1) report the product defect to an authorized dealer, or to the manufacturer by calling 866-218-8622, and request repair within the applicable

warranty term, (2) present evidence of the warranty start date, and (3) make the product available to the dealer or service center within a reasonable period of time.

E. Limitation of implied warranties and other remedies – To the extent permitted by law, neither John Deere nor any company affiliated with it makes any warranties, representations or promises as to the quality, performance or freedom from defect of the equipment covered by this warranty. Implied warranties of merchantability and fitness for a particular purpose, to the extent applicable, shall be limited in duration to the applicable period of warranty set forth on this page. The purchaser's only remedies in connection with the breach or performance of any warranty on the John Deere Lawn and Garden attachments are those set forth on this page. In no event will the Dealer, John Deere or the manufacturer be liable for incidental or consequential damages. (Note: Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages so the above limitations and exclusions may not apply to you.) This warranty gives you specific legal right, and you may also have other rights, which vary from state to state.

F. No Dealer Warranty – The selling Dealer makes no warranty of its own and the Dealer has no authority to make any representation or promise on the behalf of John Deere or the manufacturer to modify the terms or limitations of the warranty in any way.

Manufacturer's Lawn & Garden Attachments	*Warranty Term
Steel Frame	2 Years
Transmission (gearbox)	2 Years
Poly Hoppers & Beds	2 Years
Wheels	1 Year
Hydraulics	1 Year
Drive Gears	1 Year
Other normal wear parts	1 Year

**Each Warranty Term begins on the date of product delivery to the purchaser.*

Register your John Deere Licensed Product by completing & mailing in the enclosed Warranty Registration Card.
For Customer Service: Please call 866-218-8622