



JOHN DEERE

OPERATOR'S MANUAL

Utility Cart

21

1017705-A
08 / 07 / 2018
English

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 at the end of this manual.

Product Compatibility

Compatible with lawn and garden tractors:

100 Series, X300 Select Series, X500 Select Series and X700 Signature Series.

Also compatible with compact tractors:

1023E, 1025R and 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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Cart Model	Loaded Weight Capacity
21	553 kg (1220 lb)

Safety Labels

Understanding The Machine Safety Labels



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.

Replace missing or damaged safety labels. Use this operator's manual for correct safety label placement.

There can be more safety information contained on parts and components sourced from suppliers that is not reproduced in this operator's manual.

French or Spanish Safety Labels and Operator's Manual

Operator's manuals and safety labels with content in French or Spanish are available for this machine through authorized John Deere dealers. See your John Deere dealer.

Warning Label A



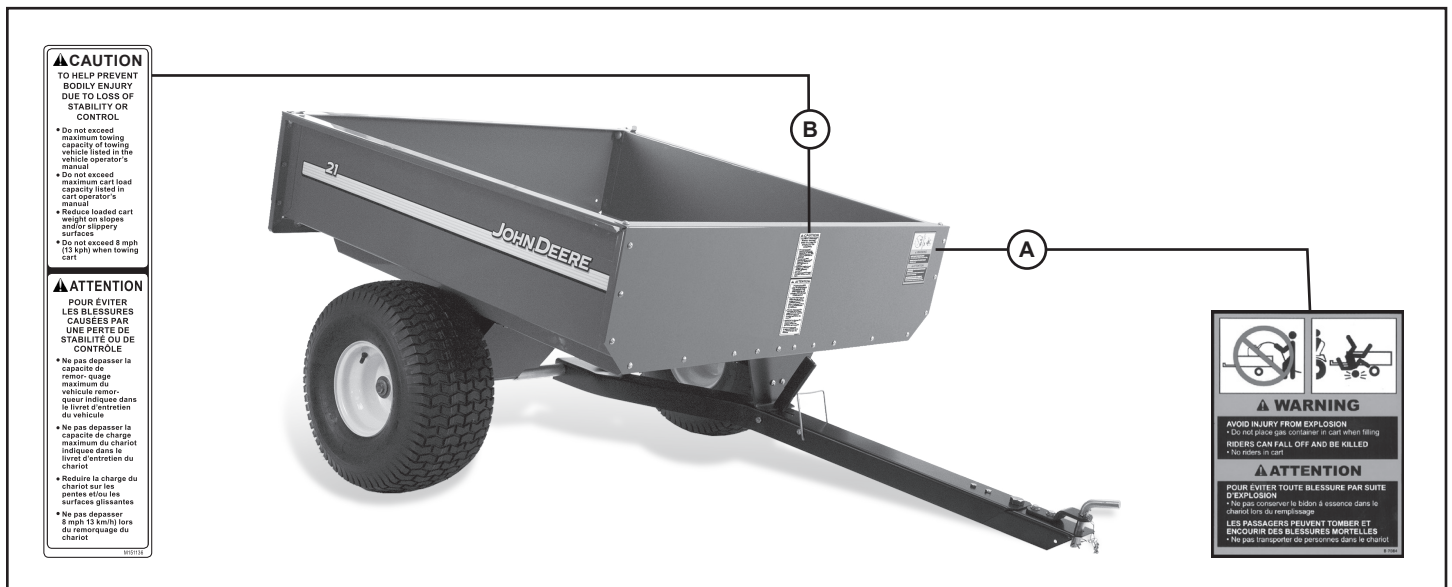
AVOID INJURY FROM EXPLOSION

- Do not place gas container in cart when filling

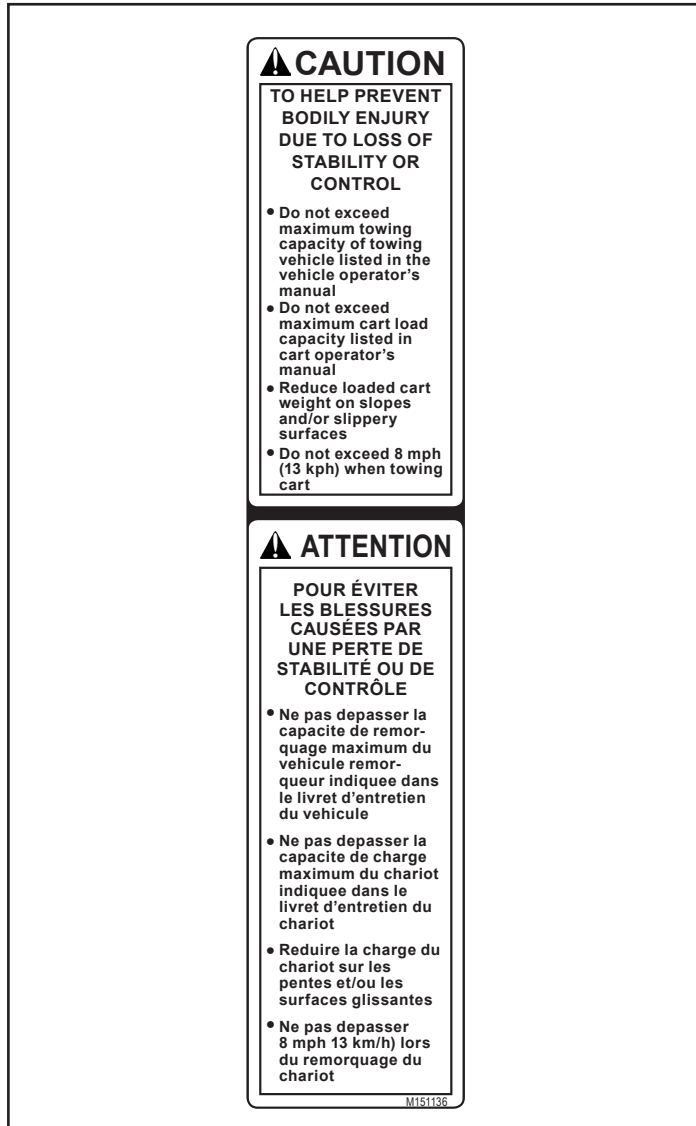
RIDERS CAN FALL OFF AND BE KILLED

- No riders in cart

Caution / Warning Labels: A and B



Caution Label B



M151136

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

Read Safety in Machine Operator's Manual

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

Operating Safely

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. Do not tow at speeds higher than maximum recommended towing speed.

- Towing speed should always be slow enough to maintain control. Travel slowly over rough ground.
- 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.
- Check machine brake action before you operate. Adjust or service brakes as necessary.
- Keep all nuts and bolts tight to be sure the equipment is in safe working condition.
- 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.
- Securely anchor all loads to prevent loads from falling.
- Distribute load evenly for safe travel & unloading of cart.
- Do not obstruct the operator's view during use.

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 a towed attachment.
- Before you back machine and attachment, look carefully behind attachment for bystanders.

Keep Riders Off Towed Attachment

- Riders on a towed attachment are subject to injury, such as being struck by objects and being thrown off the attachment during sudden starts, stops and turns.
- Riders obstruct the operator's view, resulting in the attachment being used in an unsafe manner.
- Keep riders off of hitch bracket.

Avoid Injury From Drawbar

Before you disconnect an attachment from machine hitch plate:

- Unload attachment.
- Stop attachment on level ground.
- Stop machine engine.
- Lock machine park brake.
- Block attachment wheels.
- Make sure hands, feet or other body parts are not under drawbar.

Wear Appropriate Clothing



- Always wear eye protection when operating the machine.
- Wear close fitting clothing & safety equipment appropriate for the job.
- While using this equipment, 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 in Kit



Description	Qty.	Description	Qty.
A. Bed Halves	2	G. Box of Parts (Contents on pg 7)	1
B. Drawbar	1	H. Bed-to-Axle Support A-Frames	2
C. Tailgate Support Frame	1	I. Wheel, Tire & Bearing Assembly	2
D. Axle	1		
E. Tailgate Panel with Deere Logo	1		
F. Panel with Warning Decals	1		

Assembly

Contents of Box (G):



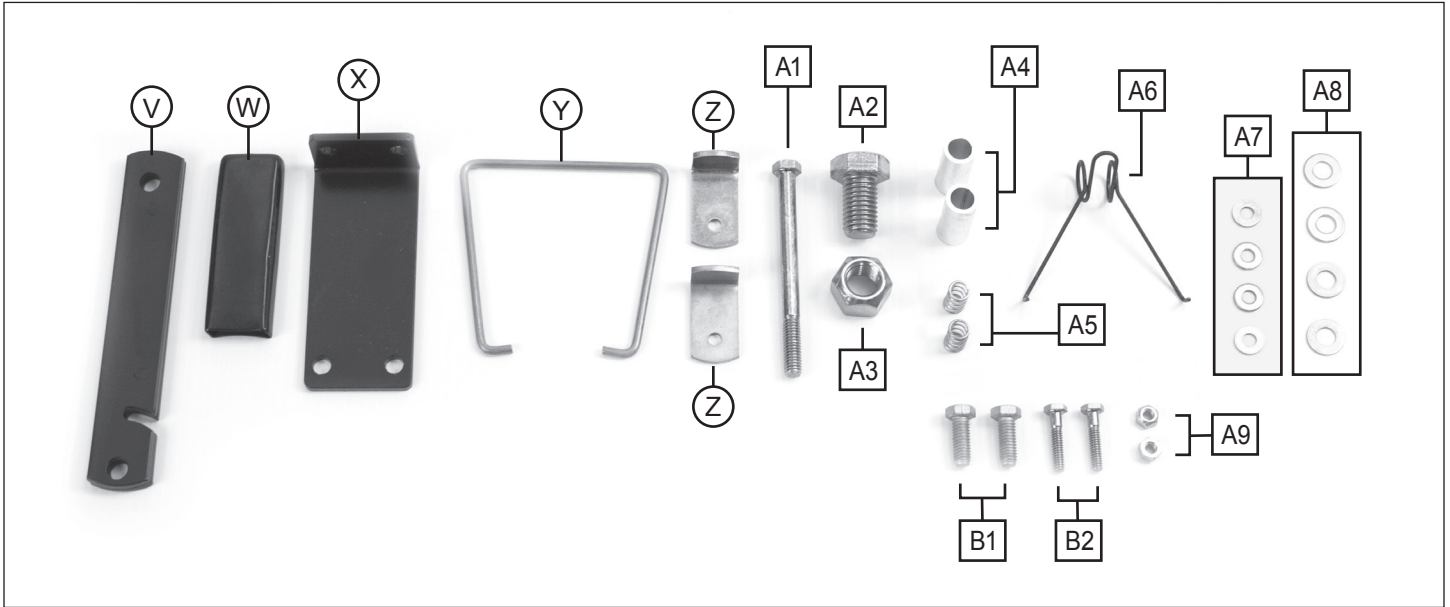
Description	Qty.
J. Drawbar Extension	1
K. Hardware & Small Parts (Contents on pg 8)	1
L. Drawbar Spacer	1
M. Latch Bracket	1
N. Manual	1

Description	Qty.
O. Bag of Clevis Parts:	1



Assembly

Hardware and Small Parts



Description	Qty.	Description	Qty.
V. Dump Lever	1	A3. Lock Nut - 3/4 Inch	1
W. Vinyl Grip	1	A4. Spacer - Latch	2
X. Bracing Bracket - Latch	1	A5. Spring - Tailgate Latch	2
Y. Spring - Transport Latch	1	A6. Spring - Latch	1
Z. Tailgate Latch Bracket	2	A7. Washer - 3/8 Inch	4
-----		A8. Washer - 1/4 Inch	4
A1. Hex-Head Bolt / Cap Screw 3/8 x 4-1/2 Inch	1	A9. Lock Nut - 1/4 Inch	2
A2. Hex-Head Bolt / Cap Screw 3/4 x 1-1/4 Inch	1	B1. Hex-Head Bolt / Cap Screw 3/8 x 1 Inch	2
		B2. Hex-Head Bolt / Cap Screw 1/4 x 1-1/4 Inch	2

Assembly

Remaining Hardware and Small Parts



Description	Qty.
B3. Washer, Axle	4
B4. Washer - 5/16 x 1-1/8 Inch	16

B5. Lock Nut - 5/16 Inch	54
B6. Hex Lock Nut - 3/8 Inch	8

B7. Allen-Head Shoulder Bolt 3/8 Inch	5
B8. Hex-Head Bolt / Cap Screw 5/16 x 3/4 Inch	12
B9. Hex-Head Bolt / Cap Screw 5/16 x 1/2 Inch	9
C1. Round-Head Machine Screw 5/16 x 1/2 Inch	21
C2. Flat Allen-Head Cap Screws 5/16 x 3/4 Inch	6
C3. Round-Head Machine Screw 5/16 x 3/4 Inch	6

Description	Qty.
C4. E-Ring, Axle	2
C5. Retaining Ring	2
C6. Spacer, Wheel	2

Tools Required for Assembly:

- 1/2 in. Wrench (2)
- 7/16 in. Wrench (2)
- 9/16 in. Wrench (2)
- 1/2 in. Socket Wrench (2)
- Mallet
- Pliers

While Assembling Cart

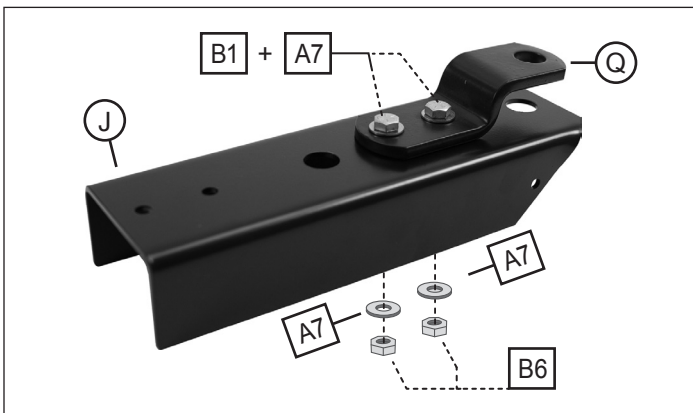
Place pieces of carton under cart box during assembly to help avoid scratching the finish.

Assembly

Assembly Step 1

Install Clevis on Drawbar Extension

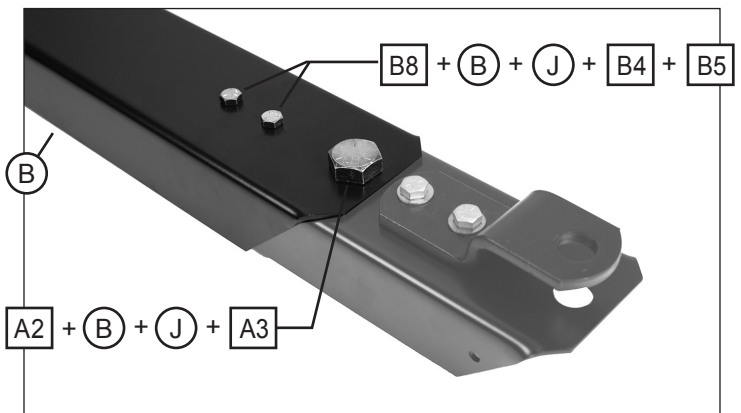
- Add two 3/8" washers (A7) to two 3/8 x 1" hex head bolts (B1). Run the screws through the clevis (Q) and the drawbar extension (J) as illustrated here. *Fasten in place with two additional 3/8" washers (A7) and two 3/8" lock nuts (B6) (underneath drawbar extension).*
- Tighten nuts.



Assembly Step 2

Install Drawbar Extension on Cart Drawbar

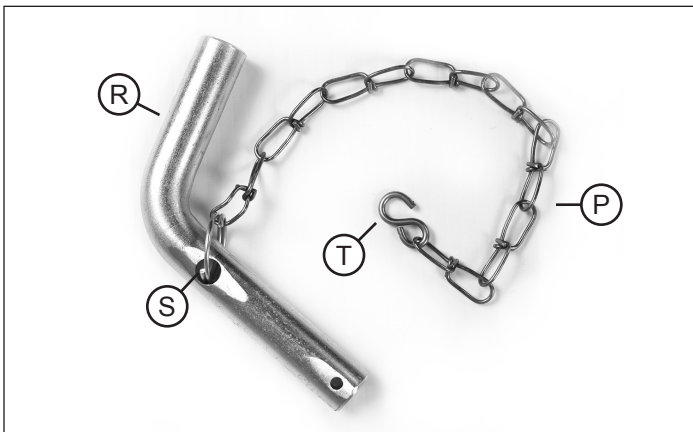
- Slide drawbar extension (J) under the end of the drawbar (B) and add two 5/16 x 3/4" hex head bolts (B8). Secure on the bottom side with two 5/16" washers (B4) and two 5/16" lock nuts (B5). Add the 3/4 x 1-1/4" hex head bolt (A2) to the center and secure with the 3/4" lock nut (A3).
- Tighten nuts.



Assembly Step 3

Assemble Hitch Pin Assembly

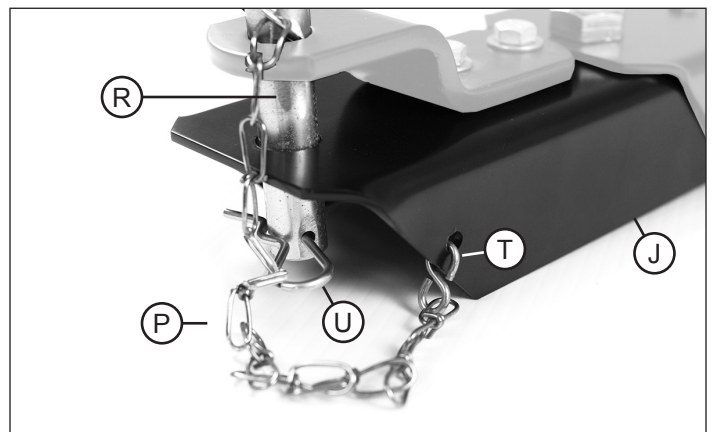
- Install locking ring (S) in hole in hitch pin (R).
- Put one end of chain (P) on locking ring.
- Put one end of "S" hook (T) on other end of chain (P) and crimp end closed.



Assembly Step 4

Install Hitch Pin to Drawbar

- Slide hitch pin (R) through end of the drawbar. Add the spring locking pin (U) into middle link in chain (P) and through the hole at the base of the hitch pin (R).
- Put other end of "S" hook (T) into hole on drawbar extension (J) and crimp end closed with pliers.

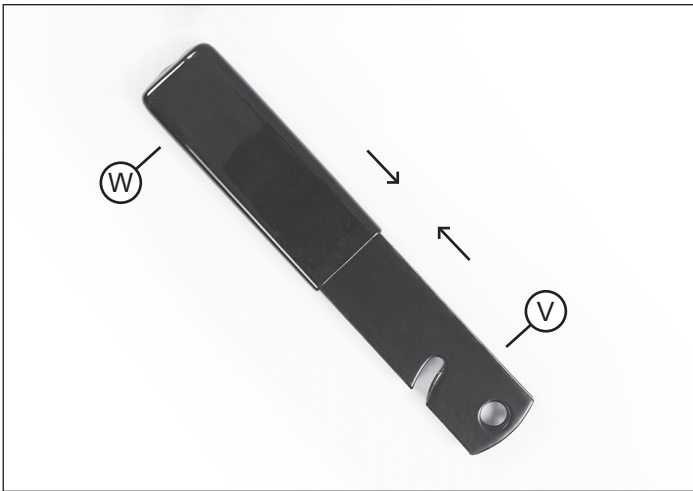


Assembly

Assembly Step 5-A

Assemble Dump Lever

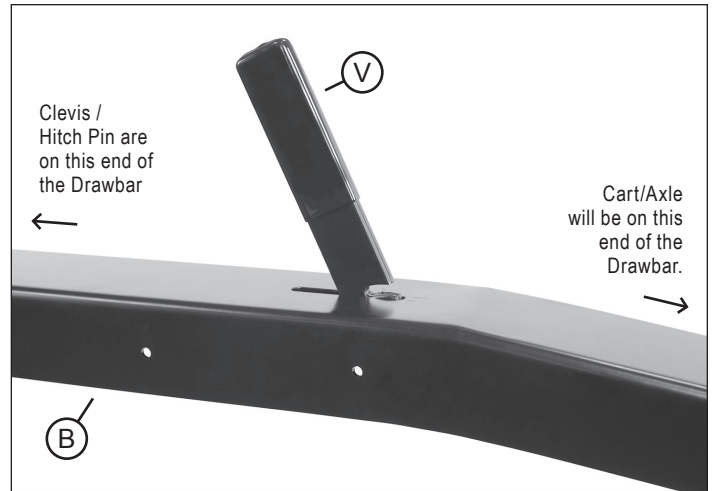
- Slide vinyl grip (W) over the end of the dump lever (V). Pull down until the lever fills the grip entirely.



Assembly Step 5-B

Assemble Dump Lever

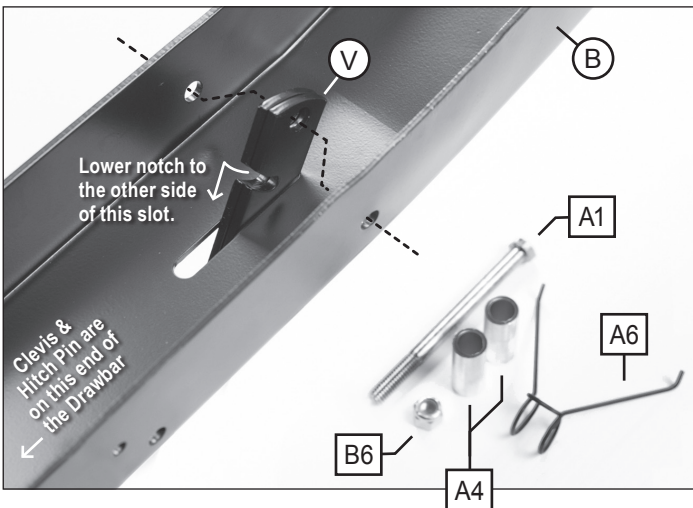
- Put dump lever through slot (C) in drawbar with notch in lever facing away from the Clevis and Hitch Pin. The notch rests just above the drawbar.



Assembly Step 5-C

Assemble Dump Lever

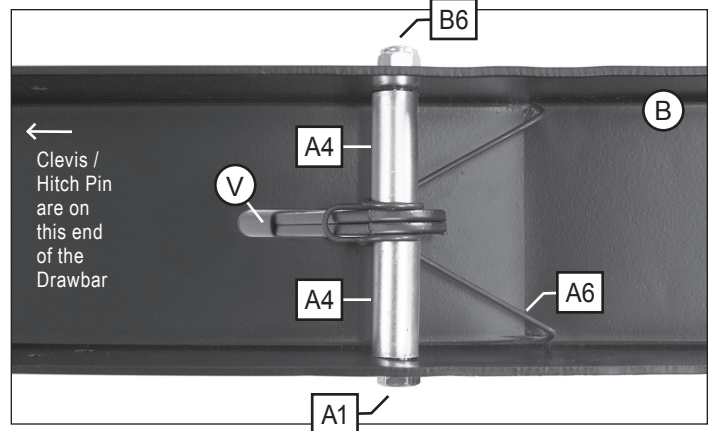
- Flip over the drawbar.
- Align the Lever (V) as illustrated below.



Assembly Step 5-D

Assemble Dump Lever

- Align spacers (A4) and spring (A6) in place. Bent ends of the spring will be flush against the drawbar (B).
- Run 3/8 x 4-1/2-in. bolt (A1) through drawbar, spacers & the spring. Put a lock nut (B6) on the end of the bolt and tighten nut. *NOTE: If lever does not move freely, loosen the nut.*

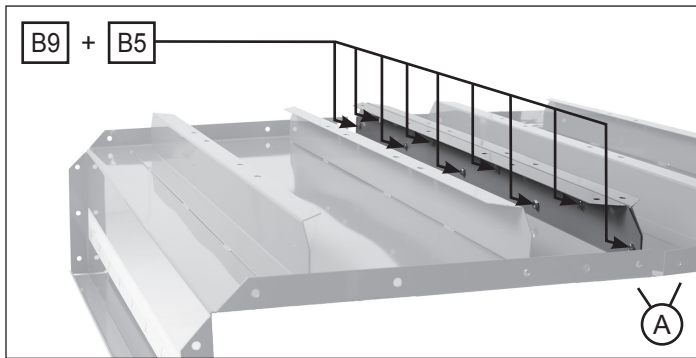
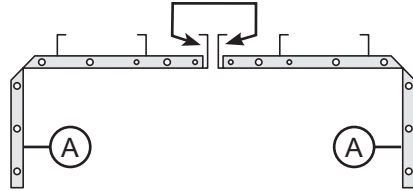


Assembly

NOTE: Assemble the cart halves upside down on a flat surface. Use carton liners to support the cart halves.

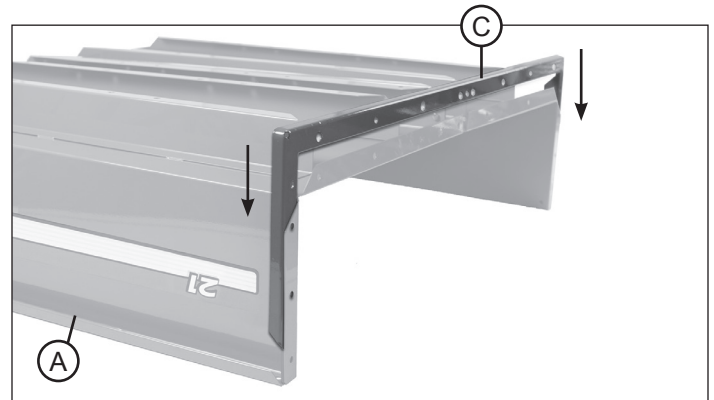
Assembly Step 6-A Assemble Cart Box

- Fasten cart halves (A) with nine 5/16 x 1/2-in. hex head bolts (B9) & lock nuts (B5), *hand tight only*.



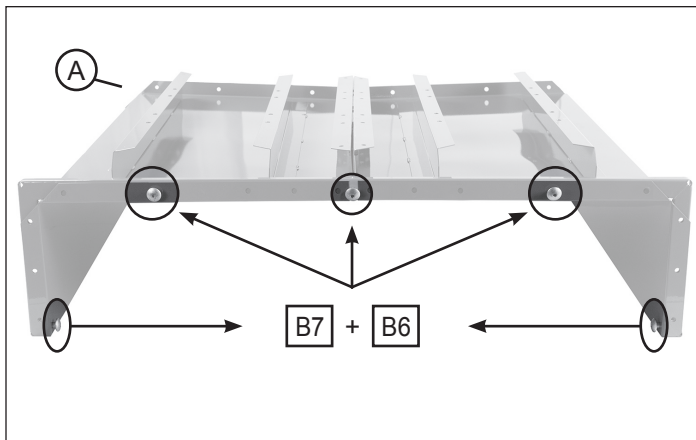
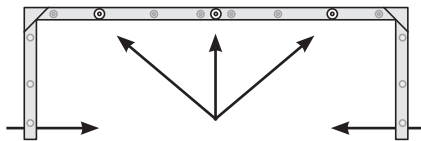
Assembly Step 6-B Assemble Cart Box

- Slide the Tailgate Support Frame (C) onto the end of cart. Be sure to use the end that says: "21" and make sure the support is behind the lip of the cart box (A).
- Fasten in place on steps 6-C through 6-E.



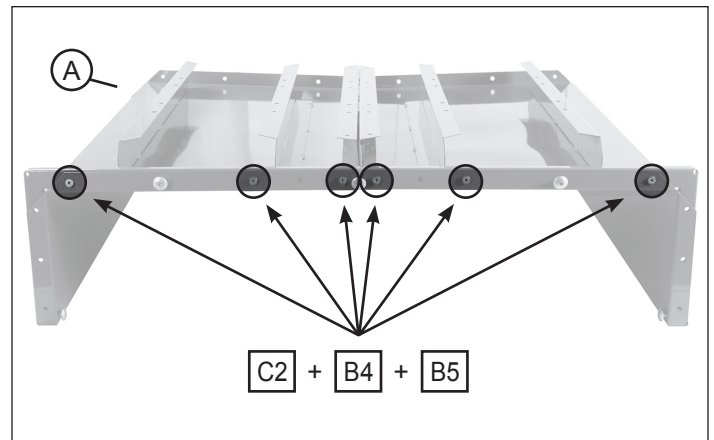
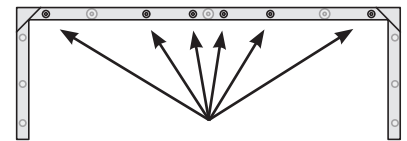
Assembly Step 6-C Assemble Cart Box

- Fasten five 3/8 allen-head shoulder bolts (B7) and five lock nuts (B6). *See photo below and illustration above to verify location / direction.*
- Hand tight only.*



Assembly Step 6-D Assemble Cart Box

- Run Six 5/16 x 3/4-in. flat allen-head cap screws (C2) (head of screw facing out) through the cart and support frame. Add washers (B4) and hand tighten with lock nuts (B5).

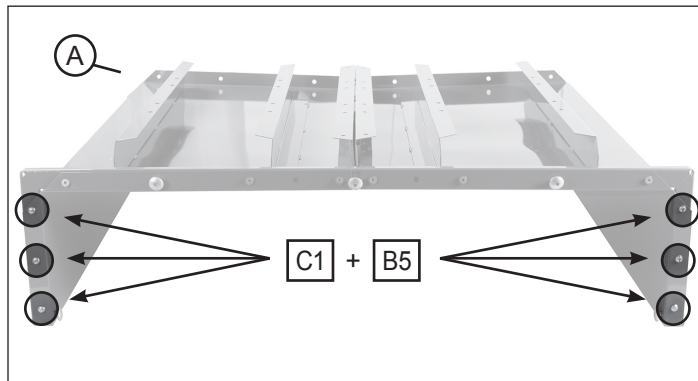
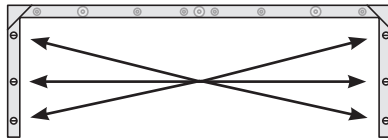


Assembly

NOTE: When instructed, tighten until flat allen-head is flush with bed lip.

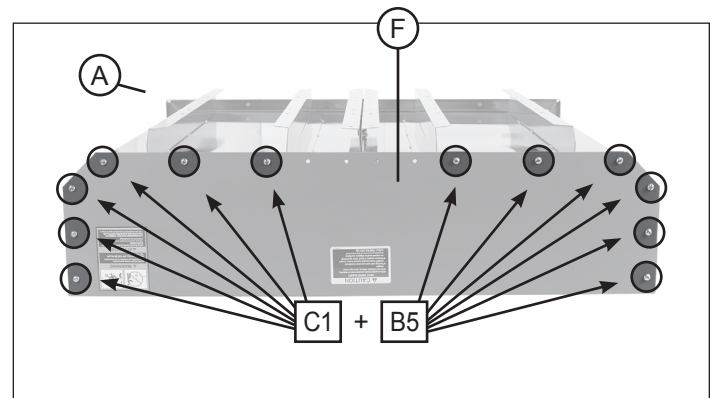
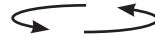
Assembly Step 6-E Assemble Cart Box

- Fasten with Six 5/16 x 1/2-in. round head machine screws (C1) and lock nuts (B5). *Hand tight only.*



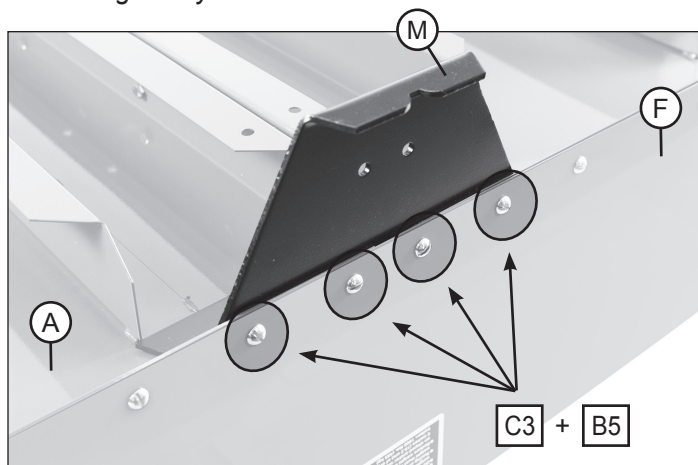
Assembly Step 6-F Assemble Cart Box

- Switch to the other end of the cart box.
- Fasten panel with warning decals (F) to cart box (A) with twelve 5/16 x 1/2-in. round head screws (C1) and lock nuts (B5), *hand tight only.*



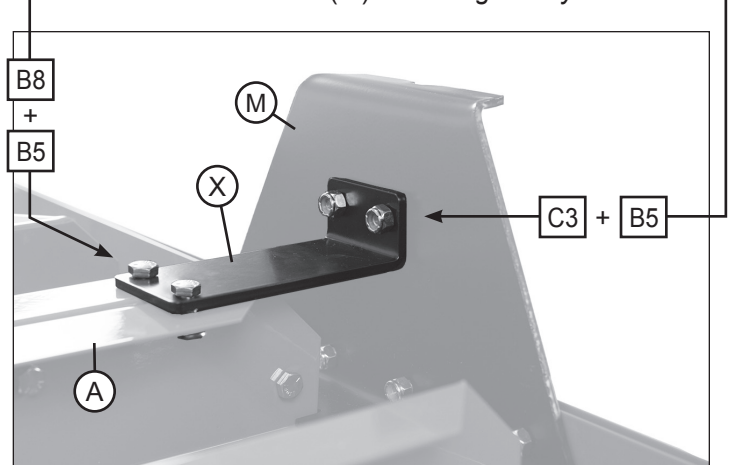
Assembly Step 6-G Assemble Cart Box

- Fasten latch bracket (M) to the remaining center four holes of the cart box (A) and the warning decal panel (F). Use four 5/16 x 3/4-in. round head screws (C3) and four lock nuts (B5).
- Hand tight only.*



Assembly Step 6-H Assemble Cart Box

- Fasten latch bracket brace (X) to latch bracket (M) with two 5/16 x 3/4-in. round head screws (C3) and lock nuts (B5). *Hand tight only.*
- Fasten other end of latch bracket brace (X) to cart box (A) with two 5/16 x 3/4-in. hex head bolts and lock nuts (M). *Hand tight only.*

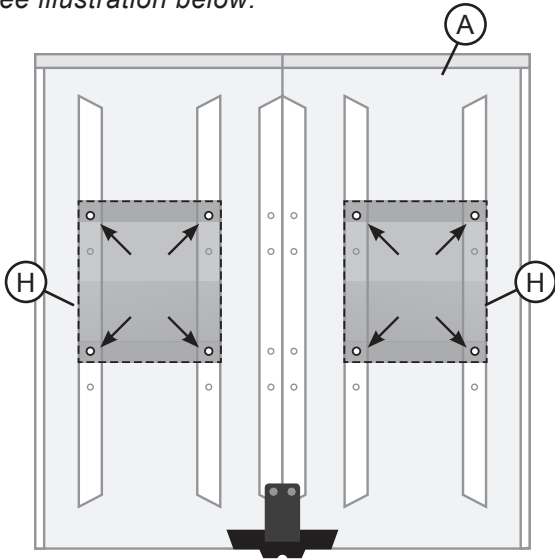


Assembly

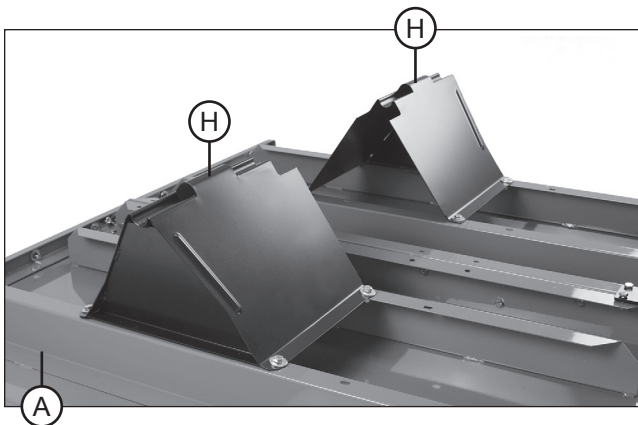
Assembly Step 7

Adding Axle Supports

- Align axle supports (H) against the cart box (A).
See illustration below:



- Fasten axle supports (H), as shown, to the cart box (A) with eight 5/16 x 3/4-in. hex head bolts (B8), washers and lock nuts.
- Hand tight only.

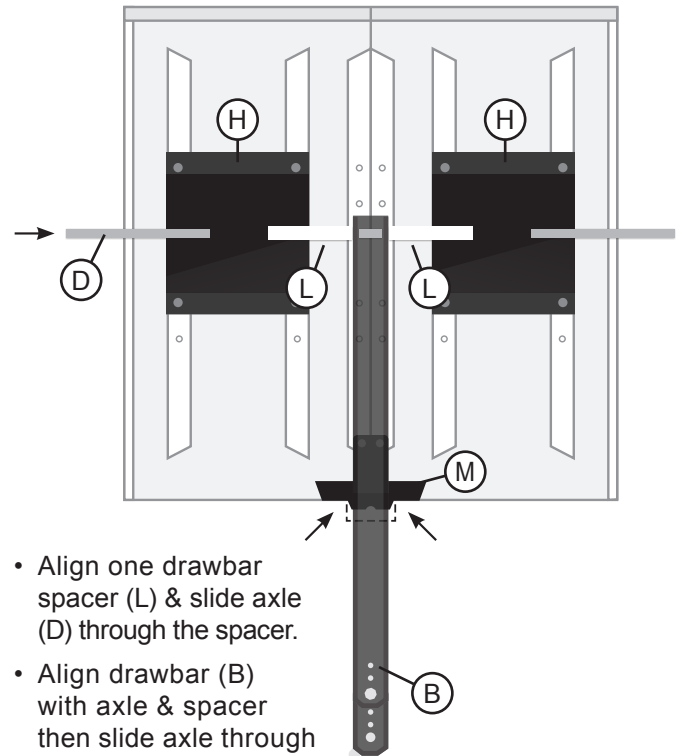


Assembly Step 8

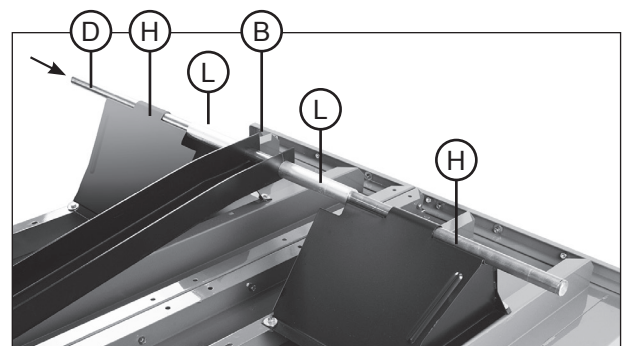
Assemble Drawbar and Axle

- Set drawbar (B) on latch bracket (M) & rest it between the axle support halves (H).
- Slide axle (D) through one of the axle supports (H).

NOTE: You may have to tap axle with a hammer. Use a rubber hammer or put a piece of cloth over end of axle before tapping to protect end of axle from damage.



- Align one drawbar spacer (L) & slide axle (D) through the spacer.
- Align drawbar (B) with axle & spacer then slide axle through drawbar, spacer (L), and other axle support (H) until axle is centered.

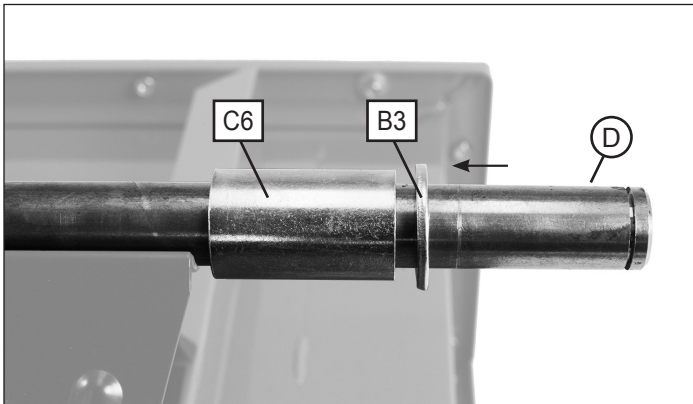


Assembly

Assembly Step 9-A

Install Wheels

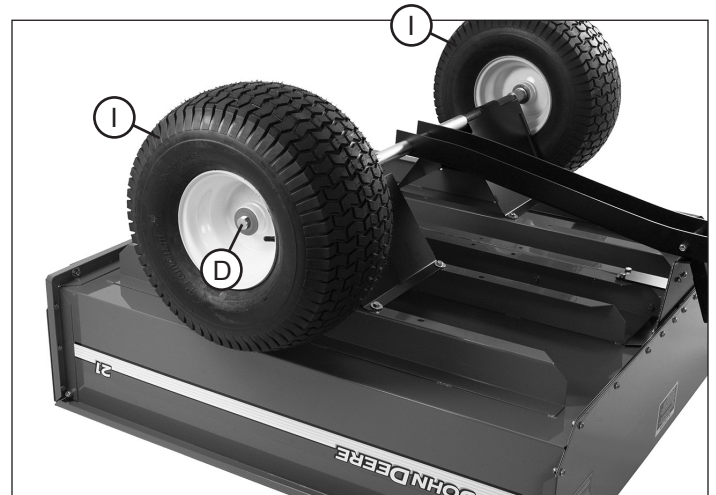
- Put one wheel spacer (C6) and washer (B3) on each side of the axle (D).



Assembly Step 9-B

Install Wheels

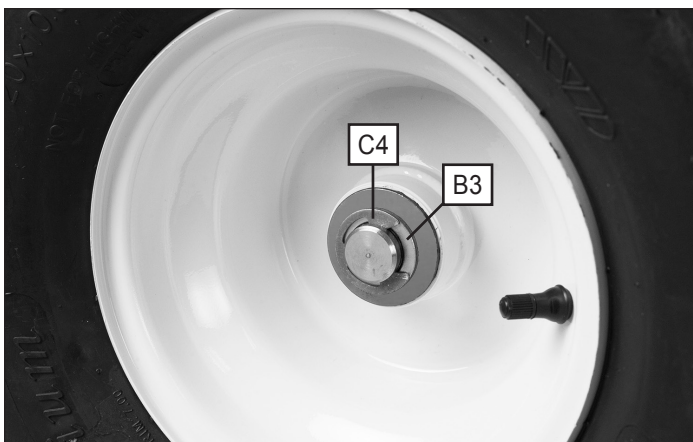
- Slide one wheel (I) on each side of axle (D). (Valve stem to the outside).



Assembly Step 9-C

Install Wheels

- Add an axle washer (B3) after each tire & slide an E-ring (C4) into the axle groove on both sides. Inflate tire pressure to 70 kPa (10 psi).



Assembly Step 10

Lower Cart and Tighten All Nuts

NOTE: Ensure proper alignment of all mating surfaces throughout as all lock nuts are tightened.

- Use an overhead hoist or several helpers to safely lower cart to the ground, ensuring cart box is lying square. (Use a protective pad to prevent any damage to the product).

Tighten ALL lock nuts.

Use a socket wrench to tighten the 6 Flat Allen-Head Cap Screws on the rear tailgate. They must be completely flush against the frame.

Assembly

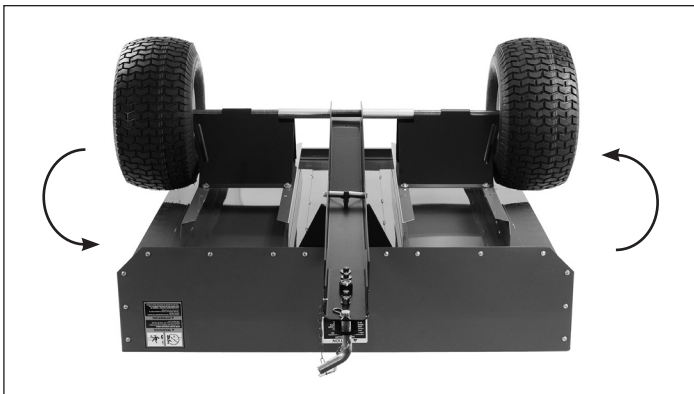
Assembly Step 11

Flip Cart



CAUTION:
Cart weighs 99.8 kg (220 lb.) You may need help while turning the cart over.

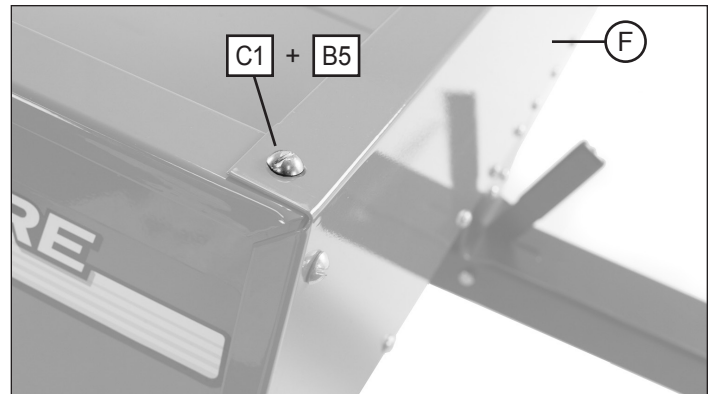
- Safely turn cart upright after ALL lock nuts have been tightened.



Assembly Step 12

Install Tailgate

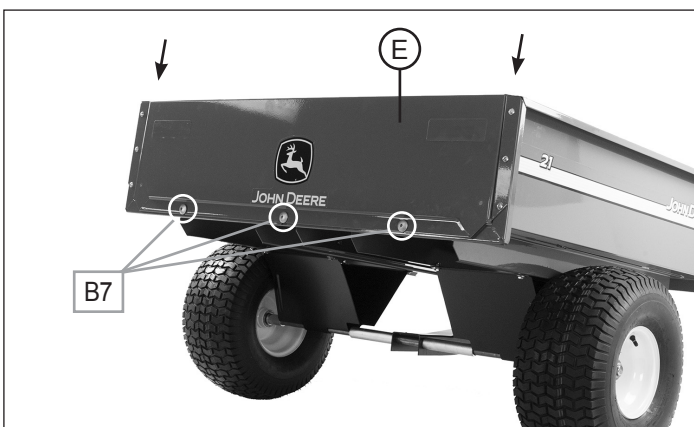
- Secure the Warning Decal Panel (F) on the top of the cart box with two 5/16 x 1/2-in. round head screws (C1) and lock nuts (B5).
- *Tighten nuts.*



Assembly Step 13-A

Install Tailgate

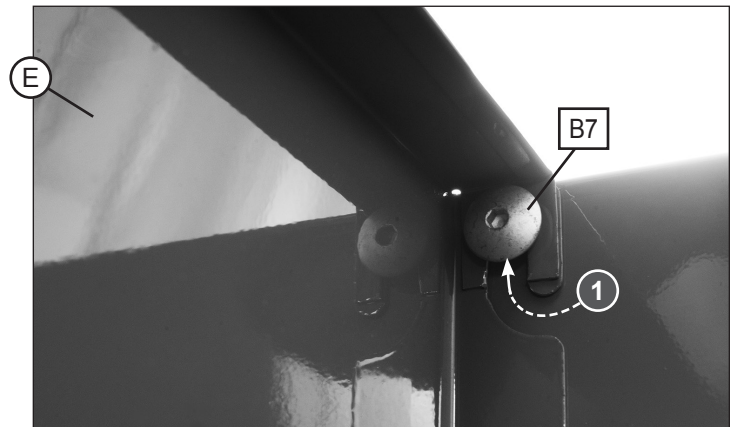
- Carefully align the tailgate (E) in place.
- Guide slots at the base of the tailgate over the 3 exposed silver Allen-Head Shoulder Bolts (B7) on the back of the cart box frame.



Assembly Step 13-B

Install Tailgate

- Make sure slot (1) on each side of tailgate is hooked on the two silver Allen-Head Shoulder Bolts (B7) on the inside of the cart box.
- Push tailgate down into slots, locking it in place.

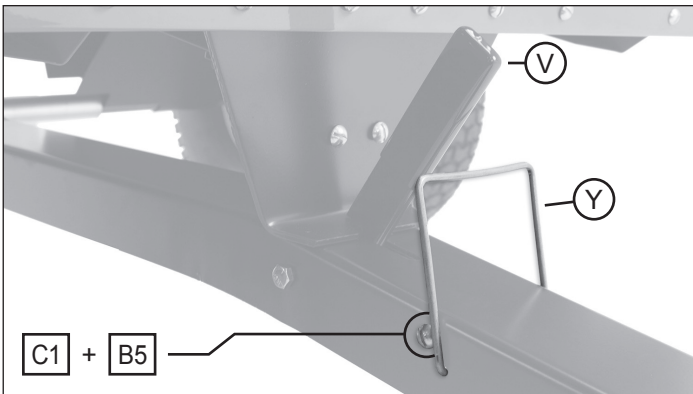


Assembly

Assembly Step 14

Install Transport Latch

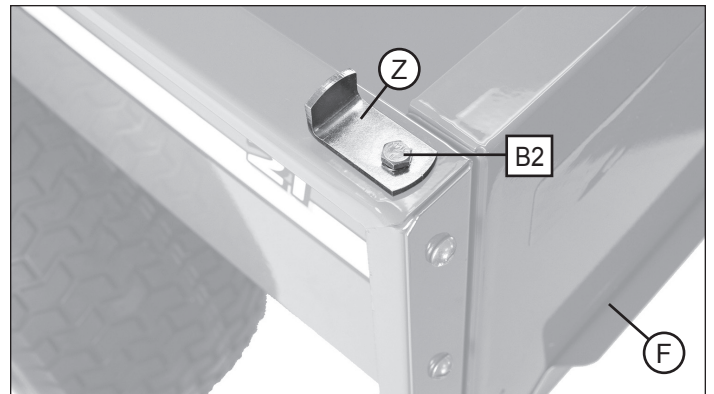
- Add one 5/16 x 1/2-in. round head screw (C1) and lock nut (B5) on the drawbar (B) as illustrated below. *Tighten nut.*
- Put transport latch (Y) into holes on each side of drawbar (B). (*Push latch against dump lever (V) to lock in place.*)



Assembly Step 15-A

Install Tailgate Latch

- Find the two holes at the top corners of the Cart Box - beside the Tailgate Panel with the Deere Logo (E).
- Begin adding the Tailgate Latch Brackets (Z) with the 1/4 x 1-1/4 in. hex head bolts (B2) as illustrated below.



Assembly Step 15-B

Install Tailgate Latch

- Secure latch (Z) by adding on to the bolt from Step 15-A in this order:

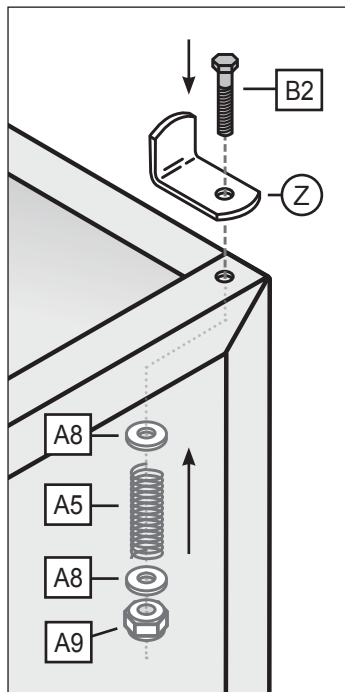
(A8) **Washer**
9/32 x 5/8 in.

(A5) **Spring**
Tailgate Latch

(A8) **Washer**
9/32 x 5/8 in.

(A9) **Lock Nut**
1/4 in.

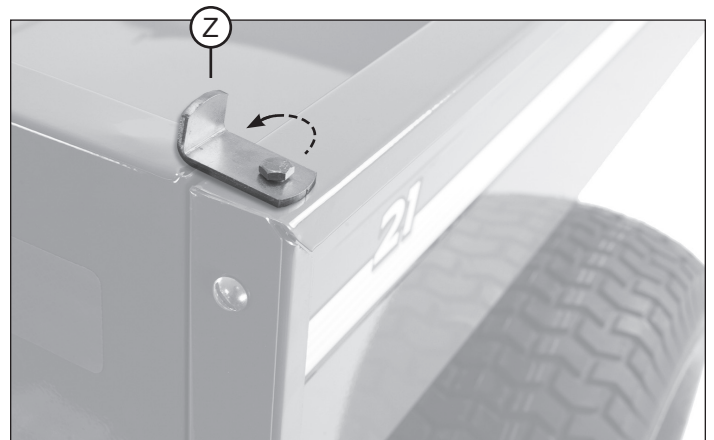
- Tighten lock nut (A9) until enough tension holds latch in place.



Assembly Step 15-C

Install Tailgate Latch

- Rotate the latches (Z) over the top of the tailgate to secure it in place.



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.

Installing

Installing Step 1-A

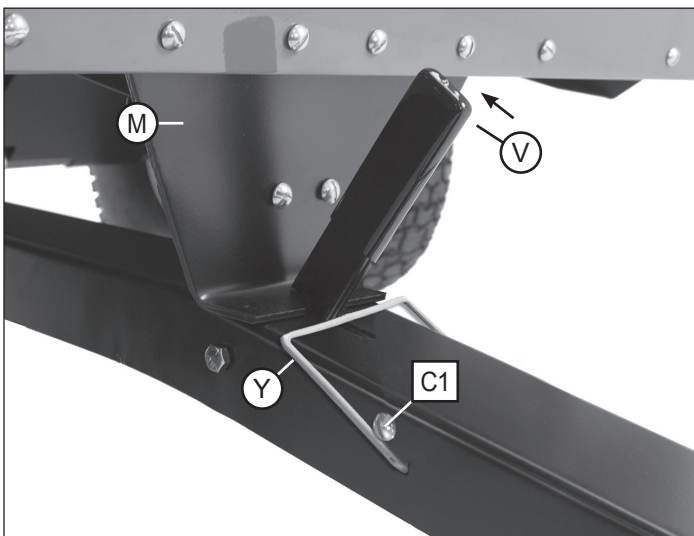
Park Vehicle Safely

- Stop vehicle on a level surface, not on a slope.
- Engage the parking brake.
- **STOP** the engine.
- Remove the key.
- Before you leave the operator's seat, wait for engine and all moving parts to **STOP**.

Installing Step 1-C

Attaching Cart

- Make sure dump lever (V) is pushed back into notch on latch bracket (M).
- Make sure transport latch (Y) is pushed all the way back, past the exposed round-headed Machine screw (C1) and flush against the dump lever (V).



Installing Step 1-B

Attaching Cart

CAUTION: Before you attach cart to vehicle make sure cart box is latched:

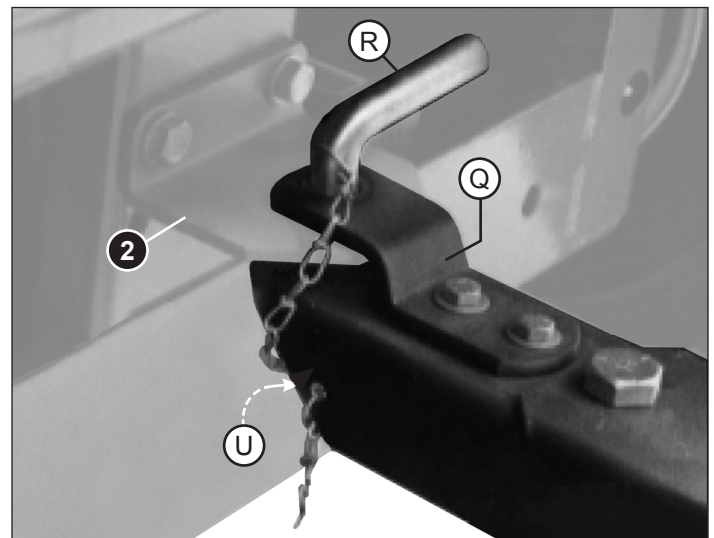


- Make sure dump lever is pushed back into notch on latch bracket.
- Make sure transport latch is against dump lever.

Installing Step 1-D

Attaching Cart

- Connect the Clevis (Q) of cart drawbar to the vehicle hitch (2)
- Fasten with drawbar Hitch Pin (R) & secure underneath with the Hairpin Cotter (U).



Operating

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. Make any necessary adjustments before you operate.
- Keep people and pets out of the work area. Stop machine if anyone enters the area.
- 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 vehicle.
- **DO NOT** let children or an untrained person operate the machine.
- **DO NOT** wear radio or music headphones while operating the machine. Safe operation requires your full attention.

Operate Cart Safely

- Keep children away when you operate the cart.
- Before you back the vehicle and cart, look carefully behind the cart for children.
- Keep children out of the cart.
- Riders in the 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.
- Do not make sharp turns that cause vehicle tires to rub cart drawbar or cart box.
- Do not tow cart with box raised.
- Do not operate vehicle at high speeds when you tow the cart.
- Travel slowly over rough ground.
- Keep all parts in good condition and fastened in place.
- Store cart on level ground with wheels blocked and drawbar on the ground.



*Look Carefully
Before Driving
In Reverse*



*Riders
Are Subject
To Injury*



Before Towing or Loading Cart:

- Connect cart to vehicle hitch & install spring locking pin in hitch pin.
- Dump latch must be engaged.
- Engage transport latch.

Before Dumping a Load:

- Stop the engine.
- Lock the park brake.
- Remove the key.

Avoid Tipping and Skidding:

- Weight of vehicle and operator must be more than weight of cart and load.
- A safe load on dry, level ground may cause the vehicle to lose traction and skid on slippery or sloped ground. Reduce speed and size of load before you operate on slopes or slippery ground.
- Do not use cart near the edge of a ditch or bank.
- Avoid holes, rocks, and roots.
- Slow down before turning.

Operating

Before Disconnecting Cart from Vehicle Hitch:

- Unload cart.
- **STOP** cart on level ground.
- **STOP** engine.
- **LOCK** park brake.
- Remove the key.
- Block cart wheels.
- **MAKE SURE YOUR FEET ARE NOT UNDER THE DRAWBAR.**



Before Servicing, Cleaning or Inspecting Cart:

- **STOP** engine.
- **LOCK** park brake.
- Remove the key.
- Make sure dump lever is pushed back into notch on latch bracket.
- Make sure transport latch is against dump lever.
- **MAKE SURE YOUR FEET ARE NOT UNDER THE CART.**



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
21	553 kg (1220 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)

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

Operating Step 2-A

Loading Cart



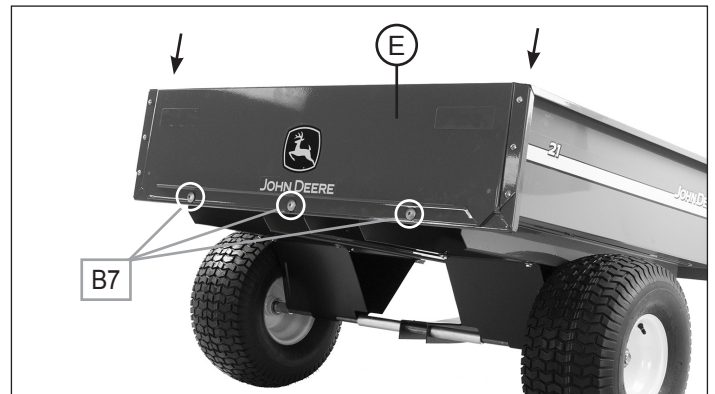
CAUTION:
Before you load the cart:

- Cart must be latched down.
- Transport latch must be engaged.
- Cart must be connected to vehicle.

Operating Step 2-B

Loading Cart

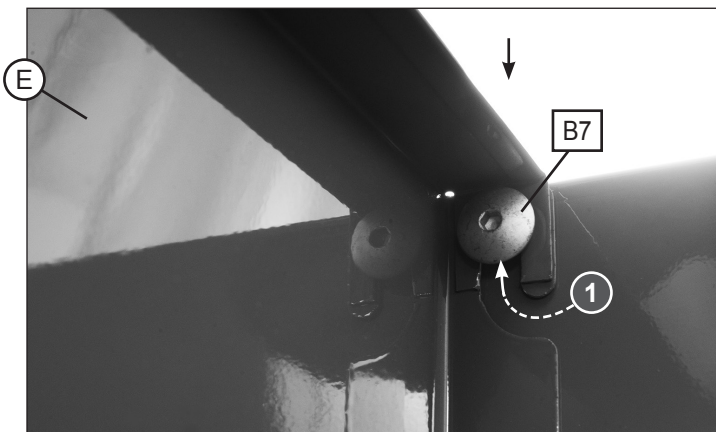
- Load cart.
- Carefully align the tailgate (E) in place.
- Guide slots at the base of the tailgate over the 3 exposed silver Allen-Head Shoulder Bolts (B7) on the back of the cart box frame.



Operating Step 2-C

Loading Cart

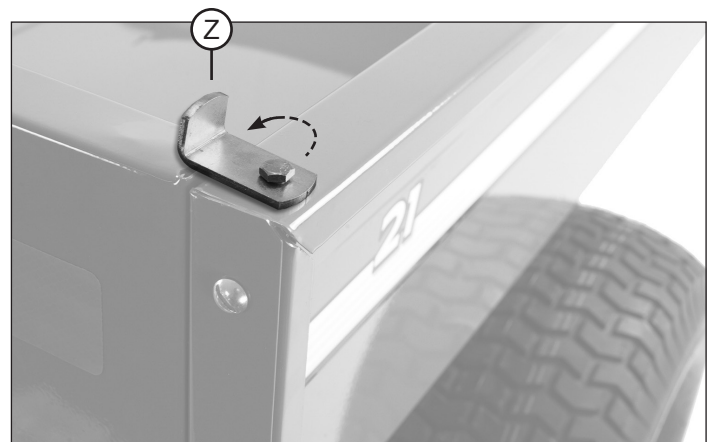
- Make sure slot (1) on each side of tailgate is hooked on the two silver Allen-Head Shoulder Bolts (B7) on the inside of the cart box.
- Push tailgate down into slots, locking it in place.



Operating Step 2-D

Loading Cart

- Move lock clips (Z) over top of tailgate.
- Cart is ready for use.



Operating

Operating Step 3-A

Unloading Cart

CAUTION:
Before you unload the cart:

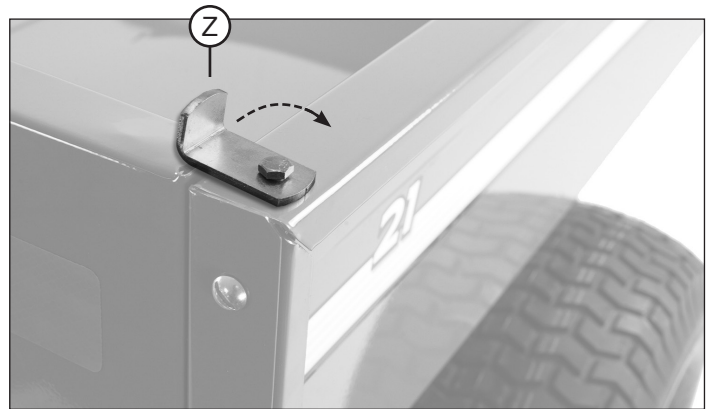


- Stop the engine.
- Lock the park brake.
- Remove the key
- Keep feet from under cart.

Operating Step 3-B

Unloading Cart

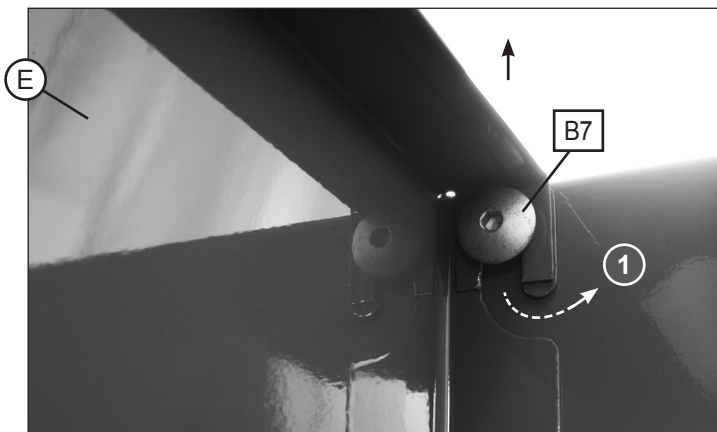
- **STOP** the engine.
- **LOCK** the park brake
- Remove the key.
- Rotate Tailgate Latch Brackets (Z) off of tailgate on each side.



Operating Step 3-C

Unloading Cart

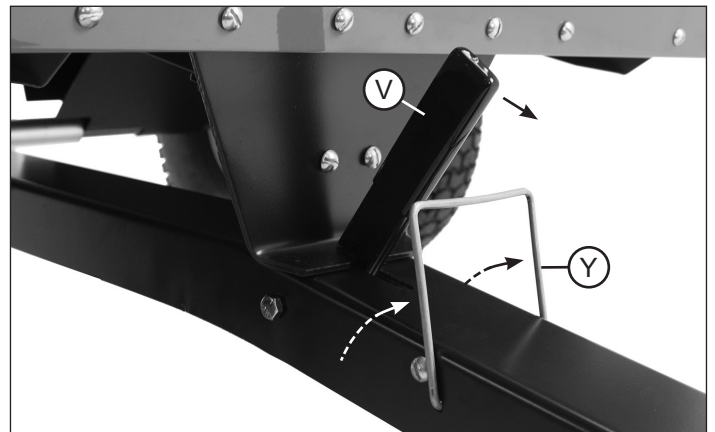
- Pull tailgate up and slide slots (1) off of shoulder bolts (B7) on both sides of box frame & swing tailgate out.
- Remove tailgate (E) by carefully lifting up and away from the cart box.



Operating Step 3-D

Unloading Cart

- Disengage transport latch (Y).
- Pull dump lever (V) forward to release cart.
- Dump cart.

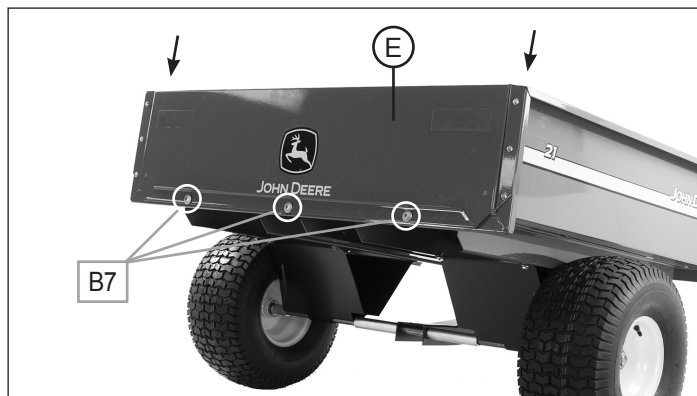


Operating

Operating Step 4-A

Installing Tailgate

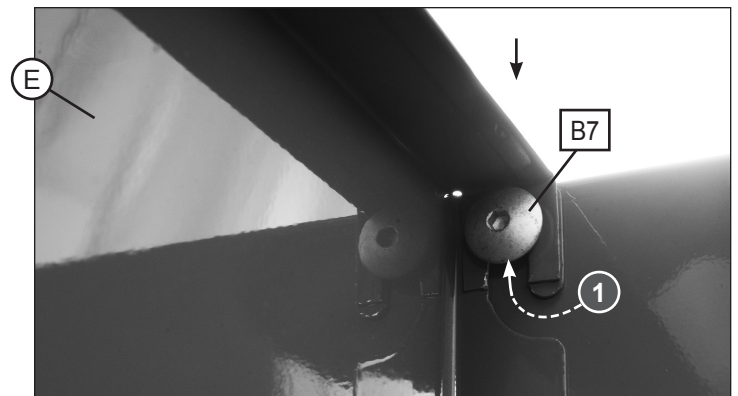
- Carefully align the tailgate (E) in place.
- Guide slots at the base of the tailgate over the 3 exposed silver Allen-Head Shoulder Bolts (B7) on the back of the cart box frame.



Operating Step 4-B

Installing Tailgate

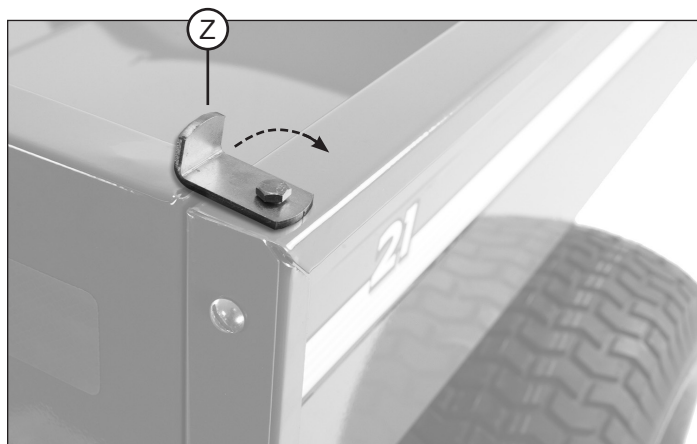
- Make sure slot (1) on each side of tailgate is hooked on the two silver Allen-Head Shoulder Bolts (B7) on the inside of the cart box.
- Push tailgate down into slots, locking it in place.



Operating Step 5-A

Removing Tailgate

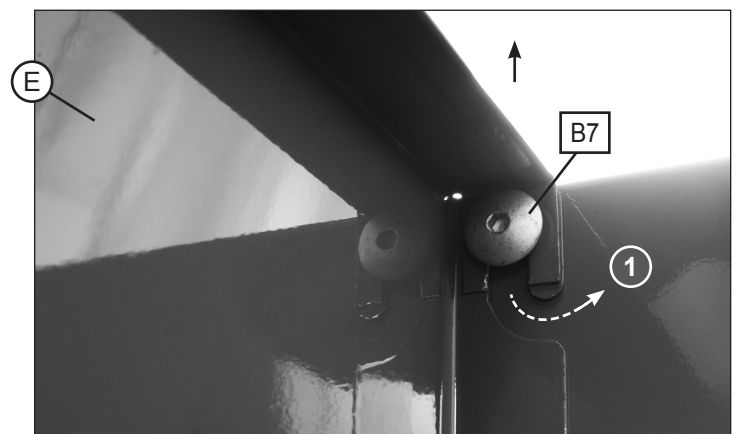
- Rotate Tailgate Latch Brackets (Z) off of tailgate on each side.



Operating Step 5-B

Removing Tailgate

- Pull tailgate up and slide slots (1) off of shoulder bolts (B7) on both sides of box frame & swing tailgate out.
- Remove tailgate (E) by carefully lifting up and away from the cart box.



Removing & Storing



CAUTION: Keep feet from under the drawbar and cart while removing.

Removing Step 1-A

Park Vehicle Safely

- Stop vehicle on a level surface, not on a slope.
- Engage the parking brake.
- **STOP** the engine.
- Remove the key.
- Before you leave the operator's seat, wait for engine and all moving parts to **STOP**.

Removing Step 1-B

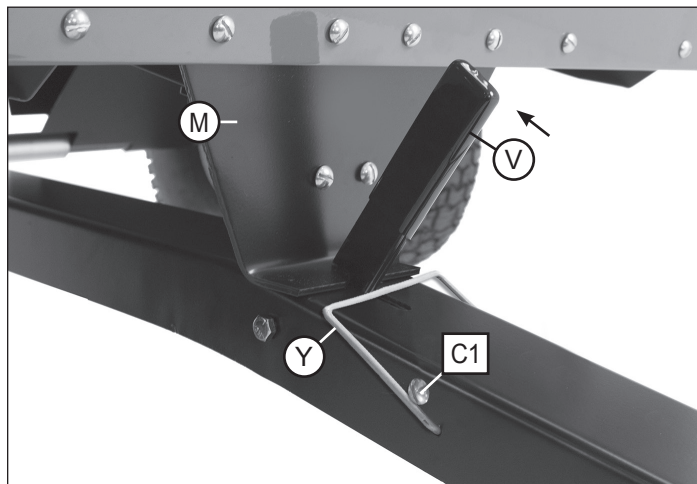
Before Removing Cart

- Empty cart.
(See Unloading Cart Section on pg 23).
- Block cart wheels.

Removing Step 1-C

Removing Cart

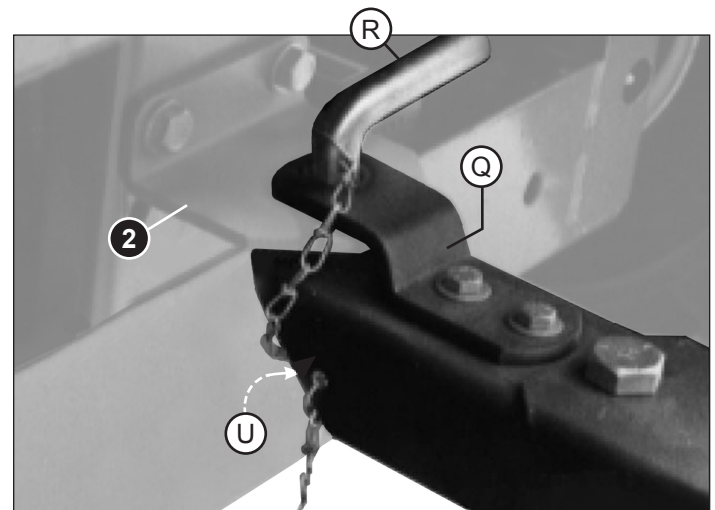
- Make sure dump lever (V) is pushed back into notch on latch bracket (M).
- Make sure transport latch (Y) is pushed all the way back, past the exposed round-headed Machine screw (C1) and flush against the dump lever (V).



Removing Step 1-D

Removing Cart

- Remove Hairpin Cotter (U)
- Pull hitch pin (R) up and out of the clevis (Q).
- Remove cart drawbar from vehicle hitch (2).



Service

Service Step 1-A

Checking Tire Pressure



CAUTION: Explosive separation of a tire and rim parts can cause serious injury or death.



- Do not attempt to mount a tire without the proper equipment and experience to perform the job.
- Always maintain the correct tire pressure. Do not inflate the tires above the recommended pressure. Never weld or heat a wheel and tire assembly. The heat can cause an increase in air pressure resulting in a tire explosion. Welding can structurally weaken or deform the wheel.
- When inflating tires, use a clip-on chuck and extension hose long enough to allow you to stand to one side and NOT in front of or over the tire assembly.
- Check tires for low pressure, cuts, bubbles, damaged rims or missing lug bolts and nuts.

Service Step 1-B

Checking Tire Pressure

- Check tire inflation pressure.
- Add air, if necessary:

Tire Size
20 x 10.00-8

Pressure
70 kPa (10 psi)



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 John Deere Special Services at 1-866-218-8622 and provide product serial number (if available) and model number.

Specifications

Cart Specifications

Empty Weight	99.8 kg (220 lbs.)
Box Capacity	0.40 m ³ (14.6 cu. ft.)
Maximum Load	454 kg (1000 lb)
Tongue Weight (10% of Load)	45.4 kg (100 lb)
Box Dimension:	
Width	1220 mm (48-in.)
Length	1220 mm (48-in.)
Depth	280 mm (11-in.)
Ground Clearance	210 mm (8-1/4-in.)
Dump Angle	35/40 Degrees
Tires:	
Type	Pneumatic
Construction	2-PLY
Size	20 x 10.00-8
Inflation Pressure	70 kPa (10 psi) (0.7 bar)
Wheel Bearings	Ball bearings Double Sealed

(Specifications and design subject to change without notice.)

This product was manufactured by Brinly-Hardy, a John Deere Licensee, located at 3230 Industrial Pkwy, Jeffersonville, IN 47130. If you have any questions or concerns with the assembly, installation or operation of this attachment see your local John Deere Dealer or call Brinly-Hardy at 866-218-8622 for assistance.



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