

JOHN DEERE
WORLDWIDE COMMERCIAL & CONSUMER
EQUIPMENT DIVISION

Utility Cart
10AT

OMM153437 K4

OPERATOR'S MANUAL



JOHN DEERE

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Previous Editions

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North American Version

Litho in U.S.A.



PRODUCT IDENTIFICATION

Product Identification

Product Compatibility

This utility cart is designed for use with utility all terrain vehicles and lawn and garden tractors.

Record Purchase Information

Utility Cart

Model 10AT

Record your purchase information in the spaces provided below.

DATE OF PURCHASE:

DEALER NAME:

DEALER PHONE:

CAUTION



MX21871, M153406

Safety Labels

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.

To help prevent bodily injury 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 30 mph (48 kph) when towing cart.
- Cart is not intended for use on highways or public roads.

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 attachment. 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

ASSEMBLY

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

Keep riders off of a 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.

Keep Feet From Under 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 feet are not under drawbar.

Qty.	Description
1	Drawbar
1	Bed Lock Bracket
1	Fender, Right
1	Fender, Left

Parts in Bag

Qty.	Description
16	Round Head Screw 5/16 x 1 in.
5	Hex Bolt 3/8 x 3/4 in.
16	Hex Nut 5/16 in.
5	Hex Nut 3/8 in.
16	5/16 in. Lock Washer
5	3/8 in. Lock Washer
4	3/8 in. Flat Washer
22	5/16 in. Flat Washer
2	Flange Screw 5/16 in.
2	Thick Washer
1	Hitch Coupler 1 7/8 in.
1	Hitch Pin Assembly
2	Wheel Cap
2	Wheel Spacer
1	Spring Locking Pin, 1/8 in.
1	Rubber Pad
2	Machine Bushing 1 in.
1	Caution Decal

Assemble Cart

When assembling cart, do the following

- Do not discard cardboard bed divider, it can be used as a template for making dividers for the cart.
- Place pieces of carton under cart box to help avoid scratching finish.
- Put all bolt heads to the inside of the cart box.

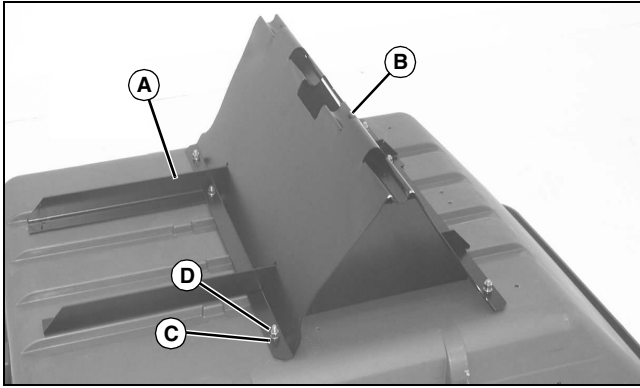
Assembly

Parts in Box

Qty.	Description
1	Poly Cart Bed
2	Reinforcement Angle Bars
1	Axle Support
1	Axle
2	Wheel and Tire Assembly

ASSEMBLY

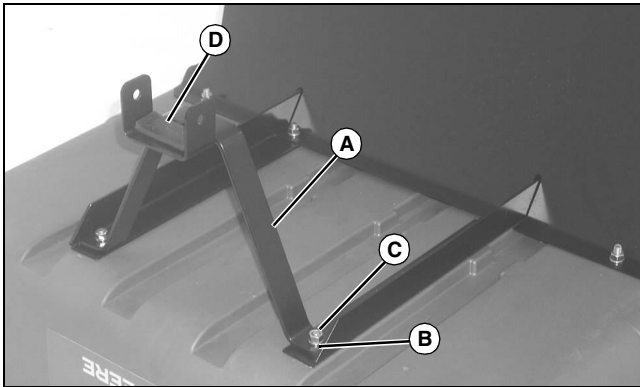
Install Reinforcement Bars and Axle Support



MX20992

1. Place reinforcement bars (A) and axle support (B) on cart bed.
2. Install eight 5/16 x 1 in. round head machine screws and eight 5/16 in. flat washers from inside cart bed through reinforcement bars and axle support.
3. Secure screws with eight 5/16 in. lock washers (C) and eight 5/16 in. hex nuts (D).

Install Bed Lock Bracket

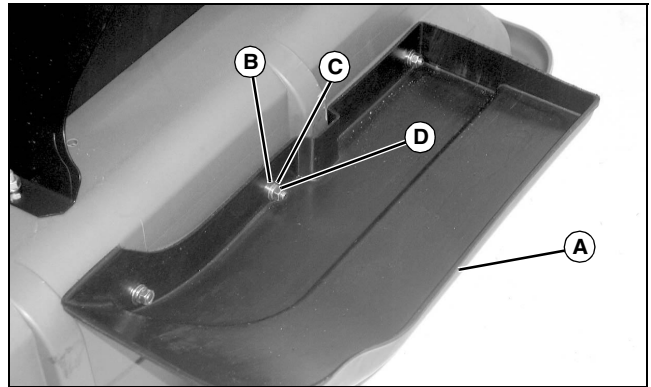


MX20993

1. Place bed lock bracket (A) on cart.
2. Install two 5/16 x 1 in. round head machine screws and two 5/16 in. flat washers from inside cart bed through reinforcement bars and lock bracket.
3. Secure with two 5/16 in. lock washers (B) and two 5/16 in. hex nuts (C).
4. Tighten hex nuts.
5. Adhere rubber pad (D) to lock bracket.

Install Fenders

NOTE: Following steps should be used for both fenders.

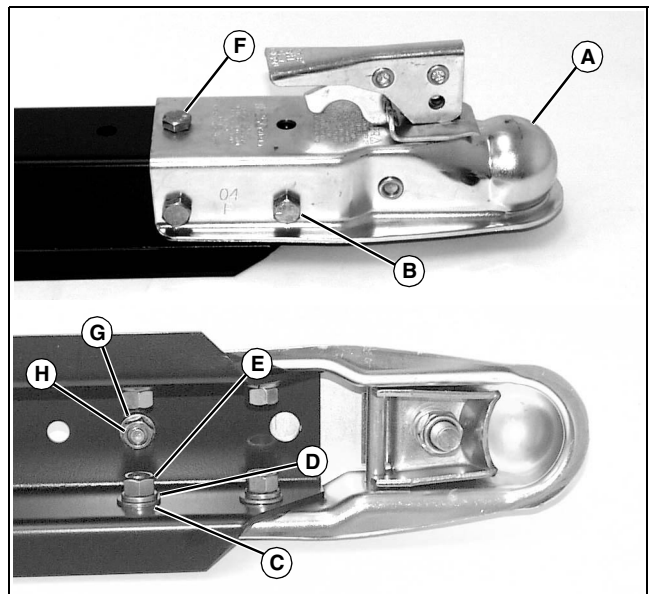


MX20994

1. Place fender (A) on cart bed.
2. Install three 5/16 x 1 in. round head machine screws and three 5/16 in. flat washers from inside cart bed through fender.
3. Install three 5/16 in. flat washers (B) and three 5/16 in. lock washers (C) on screws; secure three 5/16 in. hex nuts (D).

Assemble Drawbar

Assemble Hitch to Drawbar

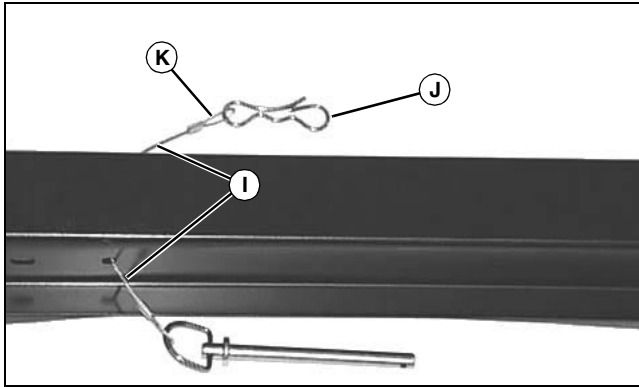


MX20995, MX20996

1. Place hitch (A) on drawbar.
2. Install four 3/8 x 3/4 in. hex bolts (B) through hitch and drawbar.
3. Install four 3/8 in. flat washers (C) four 3/8 in. lock washers (D) on hex bolts and secure with four 3/8 in. hex nuts (E).
4. Install one 3/8 x 3/4 in. hex bolt (F) through hitch and drawbar.
5. Install one 3/8 in. lock washer (G) on hex bolt and secure with one 3/8 in. hex nut (H).

INSTALLING

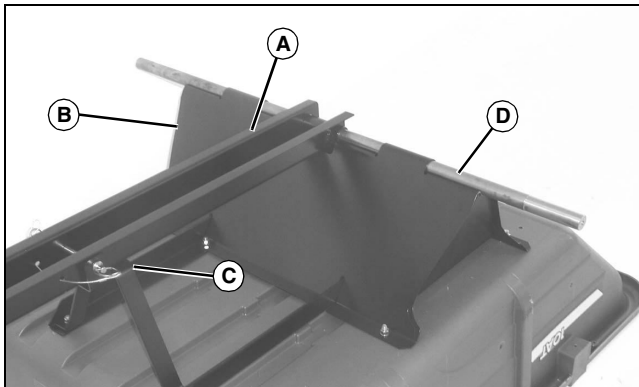
Assemble Pin to Drawbar



MX20997

- 1.Thread wire (I) through hole in drawbar.
- 2.Hook spring locking pin (J) through loop (K) at end of wire.

Install Axle and Drawbar

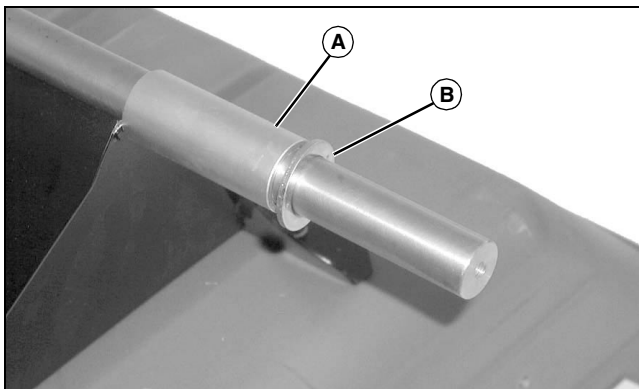


- 1.Place drawbar (A) on axle support (B) and bed lock bracket (C).

NOTE: To make installation easier put a small amount of grease on axle before installing.

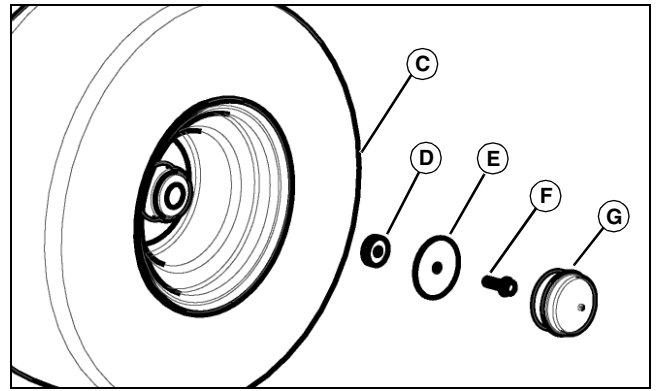
- 2.Insert axle (D) through axle support and drawbar.

Install Cart Wheels



MX20999

- 1.Slide one wheel spacer (A) and 1 in. machine bushing (B) on axle.



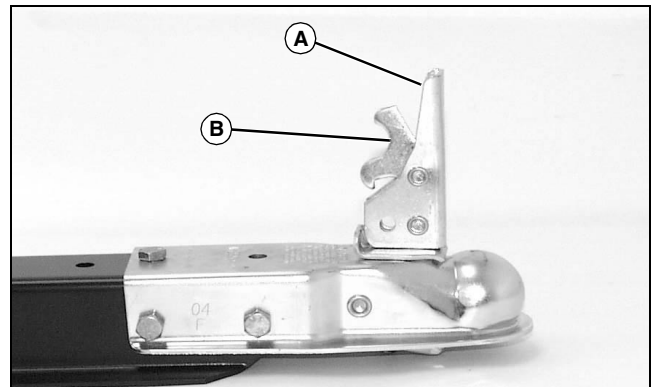
MX21867

- 2.Install one wheel (C) (valve stem to the outside) on axle.
- 3.Install one thick washer (D), large flat hub washer (E) and 5/16 in. flange screw (F) on axle.
- 4.Repeat steps for other wheel.
- 5.After both wheels have been installed, tighten screws securely.
- 6.Push hub cap (G) over large flat hub washer (E) on each wheel.
- 7.Inflate tires to correct tire pressure.

Installing

Installing Cart

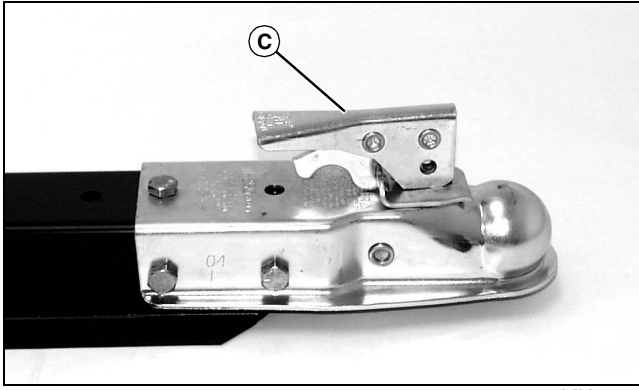
- 1.Park machine safely. (See Parking Safely in the Safety Section of the machine operator's manual.)



MX21868

- 2.Depress locking tab (A) and pull lever (B) upward to release from locked position.
- 3.Align cart drawbar with machine drawbar.
- 4.Place cart hitch onto machine receiver hitch.

REMOVING



MX20995

5. Push lever (C) downward to lock cart hitch onto machine receiver hitch.

Removing

Removing Cart

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

1. Park machine safely. (See Parking Safely in the Safety Section of the machine operator's manual.)
2. Unload cart.



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

3. Depress locking tab and pull lever upward to release from locked position.
4. Push cart away from machine. Block cart wheels.
5. Push lever downward to lock position for storage.

Operating

Determining Weight for Cart



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.

Model Cart	Loaded Weight Capacity
10AT	318 kg (700 lb)



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	318 kg (700 lb)

To maintain stability using the cart in this example, you cannot safely carry more than 318 kg (700 lb) without first adding additional ballast to the towing machine.

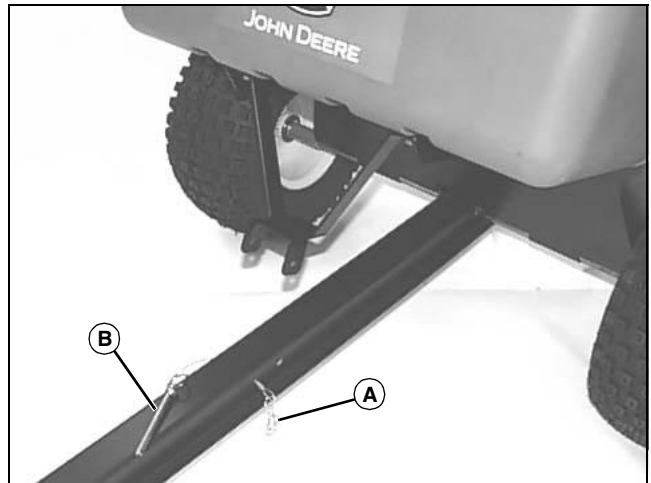
Unloading Cart

1. Park machine safely. (See Parking Safely in the Safety section.)



CAUTION: Avoid injury! Before dumping cart:

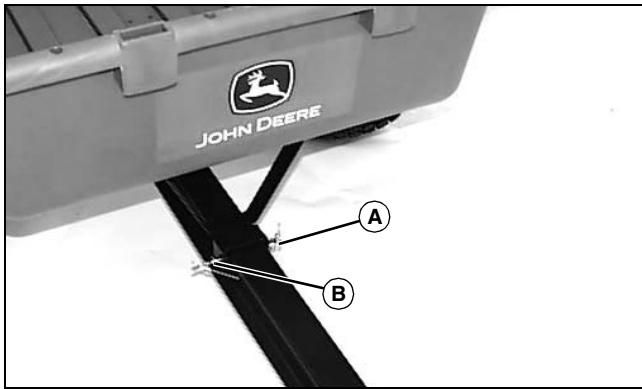
- Park machine safely.
- Before backing up, make sure area is clear of bystanders, especially children.
- Make sure cart is installed to the towing machine.



MX21870

2. Remove spring locking pin (A) from hitch pin (B), then remove hitch pin from drawbar.
3. Tilt cart box back and unload cart.

SPECIFICATIONS



MX21869

4.Push cart back into towing position, insert hitch pin (B) through drawbar and secure with spring locking pin (A).

Specifications

10AT Cart

Box Capacity (Heaped)	.28m ³ (10 cu ft)
Maximum Load	318kg (700 lb)
Empty Weight	51kg (113.5 lb)
Maximum Tongue Weight	32kg (70 lb)
Maximum Tongue Weight - Empty	14kg (30 lb)

NOTE: Refer to towing vehicle operator's manual for tongue load allowed.

Tires

Size	18.00x9.5x8
Inflation Pressure	69kPa (10 psi)

Getting Quality Service

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 your John Deere dealer's 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.Contact your John Deere dealer with unanswered questions.
- 3.In North America or Canada, call the John Deere Customer Communications Center.
 - Call 1-800-537-8233 and provide product serial number and model number.

