

JOHN DEERE
AG & TURF DIVISION

2-Bag Bagger
For 42-Inch and 48-Inch Mower Decks

OMM167392 B2

OPERATOR'S MANUAL



JOHN DEERE

Original Instruction

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Previous Editions

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North American Version

Litho in U.S.A.



Introduction

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 or call the John Deere Customer Contact Center at 1-800-537-8233 for assistance.

Warranty information on this John Deere attachment can be found in the warranty that came with your John Deere tractor or vehicle.

Product Identification

Product Compatibility

The 42 in. and 48 in. 2-bag baggers are compatible with Model year 2009 and newer LA100 and D100 Series Lawn Tractors.

Record Purchase Information

Record your purchase information in the spaces provided below.

DATE OF PURCHASE:

DEALER NAME:

DEALER PHONE:

Safety Labels

Safety Labels



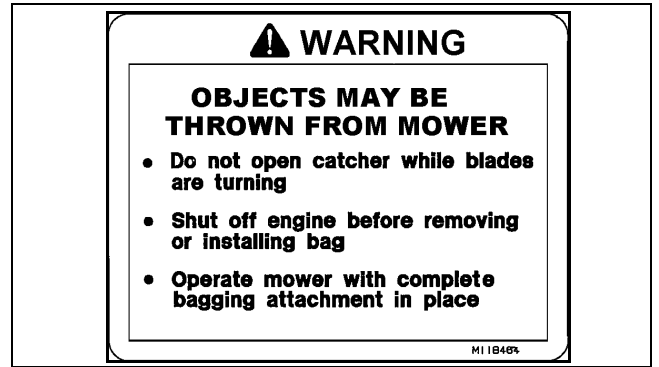
Understanding The Machine Safety Labels

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.

WARNING



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Objects May Be Thrown from Mower

- Do not open catcher while blades are turning.
- Shut off engine before removing or installing bag.
- Operate mower with complete bagging attachment in place.

WARNING

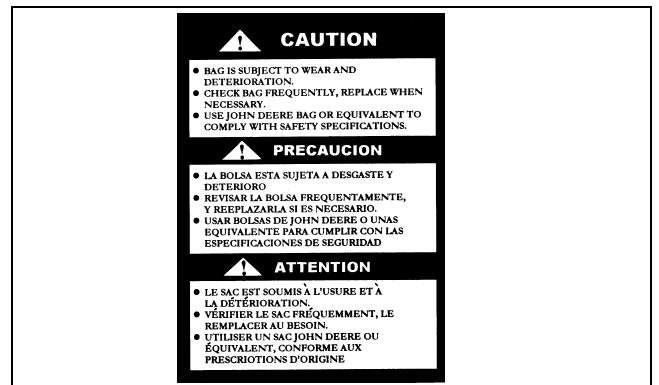
Thrown Objects



M118223

- Do not operate mower without chutes and hoses securely in place.

CAUTION



GC00215

- Bag is subject to wear and deterioration.
- Check bag frequently and replace when necessary.
- Use John Deere bag or equivalent to comply with safety specifications.

Safety

Safety

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

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

Use proper front ballast. Remove ballast when the material collection system is removed.

Hopper extends beyond machine. Be aware of surrounding objects when making short turns.

Do not operate material collection system unless entire grass catcher is fastened in place with hopper cover securely latched.

Do not let anyone ride on the mower or material collection system. Riders are subject to injury such as being struck by foreign objects or being thrown off. Riders may obstruct the operator's view and cause a collision.

Before bag removal or installation:

- Stop mower.
- Disengage mower or PTO.
- Stop engine and remove key.
- Wait for engine and all moving parts to stop before leaving the operator seat.

Before backing up machine:

- Stop machine.
- Look behind hopper for children.
- Keep bystanders away when unloading material collection system.

Operate safely on slopes:

- Empty bags when they are half full.
- Do not operate on steep slopes.
- Before turning, slow down.
- Avoid sudden starts and stops.
- Do not park machine with material collection system on slopes.

Bag and Hose Maintenance:

- Bag and hose are subject to wear and deterioration.
- Check bag and hose frequently; replace when necessary.
- Use John Deere bag and hose or equivalent to comply with safety specifications.
- Do not leave clippings in bags overnight.

Parking Safely

1. Stop machine on a level surface, not on a slope.
2. Disengage mower blades or any other attachments.
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

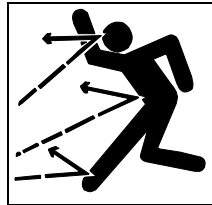
operator's seat.

8. Close fuel shut-off valve, if your machine is equipped.

9. Disconnect the negative battery cable or remove the spark plug wire(s) (for gasoline engines) before servicing the machine.

Protect Children

- Tragic accidents can occur if the operator is not alert to the presence of children. Keep children indoors when the machine and attachment are operated and under the watchful care of another responsible adult.
- Never assume that children will remain where you last saw them. Stay alert to the presence of children. Turn the machine off if a child enters the work area.
- Do not let children or an untrained person operate the machine.
- Do not carry or let children ride on any attachment or machine even with the attachment off. Do not tow children in a cart or trailer.



Avoid Injury From Thrown Objects

- When operating the vehicle with the MCS attachment installed make sure all chutes and hoses are securely in place. Keep hopper closed or MCS in operating position.
- Stop the engine and wait for all moving parts to stop before removing or lifting any attachment components.

- Avoid injury from impeller blades and thrown objects. Remove attachment when operating vehicle in side discharge mode. Make sure deflector shield is in place on mower deck if attachment is removed.



Avoid Injury From Rotating Blades

- Keep hands and feet away from rotating blades and blower assembly when engine is running.

- Stop engine and wait for moving parts to stop before servicing components.
- Do not operate MCS or blower unless all attachment components are in place and latched.

Practice Safe Maintenance

- Only qualified, trained adults should service this machine.
- Understand service procedure before doing work. Keep area clean and dry.
- Do not operate the engine in a confined space where dangerous carbon monoxide fumes can collect.
- Never lubricate, service or adjust the machine or attachment while it is moving. Keep safety devices in place and in working condition. Keep hardware tight.
- Keep hands, feet, clothing, jewelry, and long hair away from any moving parts, to prevent them from getting caught.
- Lower any attachment completely to the ground or to an existing attachment mechanical stop before servicing the attachment. Disengage all power and stop the engine. Lock park brake and remove the key. Let machine cool.
- Disconnect battery or remove spark plug wire (for gasoline engines) before making any repairs.
- Before servicing machine or attachment, carefully release pressure from any components with stored energy, such as hydraulic components and

Assembly - Identify Parts

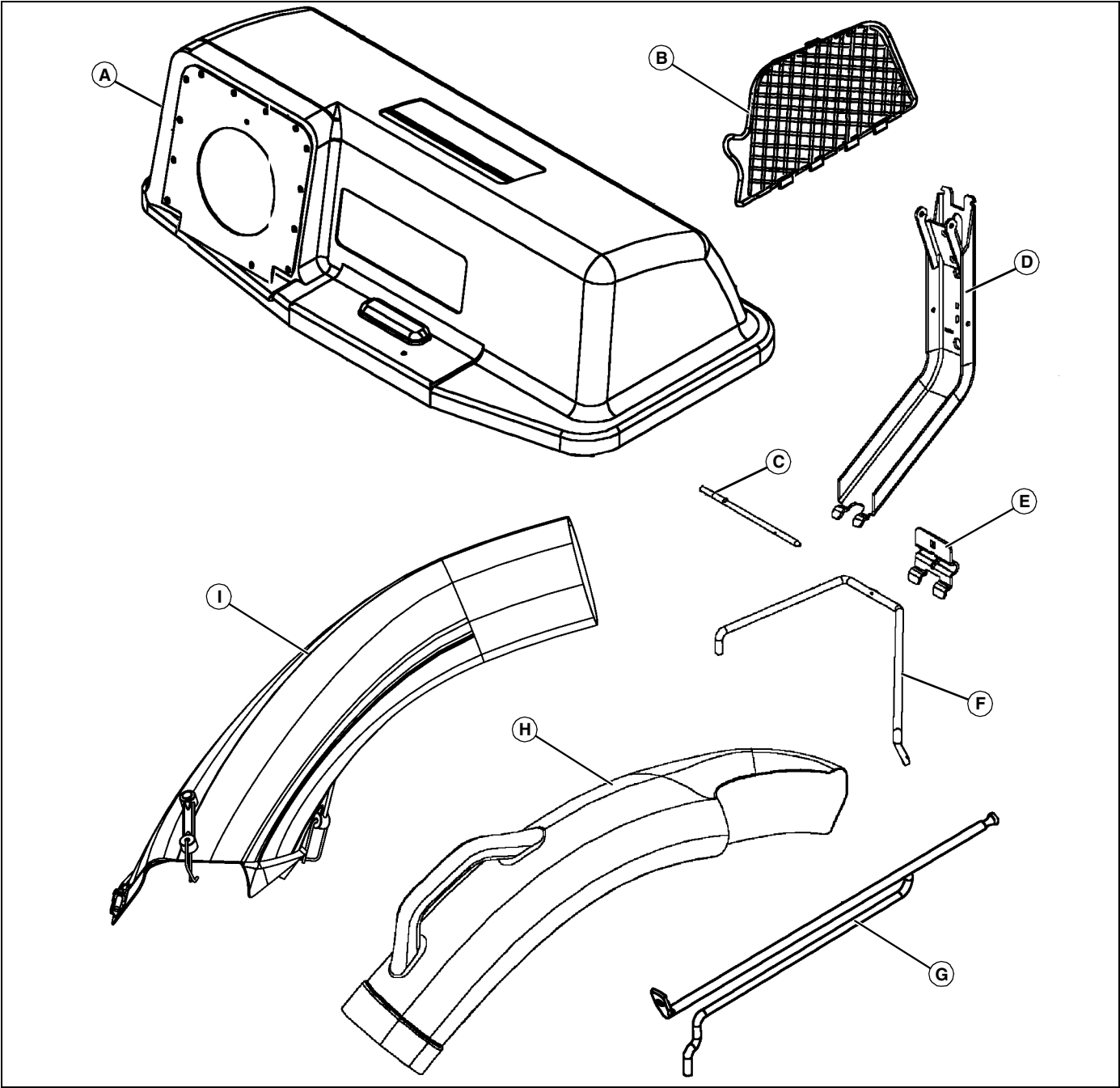
springs.

- Release hydraulic pressure by lowering attachment or cutting units to the ground or to a mechanical stop and move hydraulic control levers.
- Securely support any machine or attachment elements that must be raised for service work. Use jack stands or lock service latches to support components when needed.
- Never run engine unless park brake is locked.
- 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.
- Check all hardware at frequent intervals to be sure the equipment is in safe working condition.
- Do not modify machine or safety devices. Unauthorized modifications to the machine or attachment may impair its function and safety.

Assembly - Identify Parts

Assembly - Identify Parts

Bagger and Hopper Parts

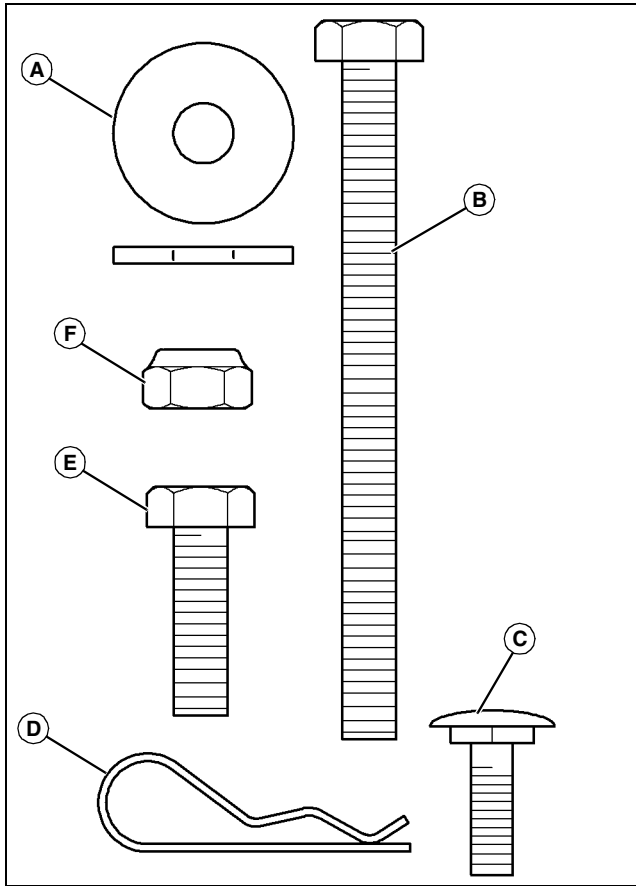


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Key	Description	Qty	Key	Description	Qty
A	Hopper Top	1	G	Latch Support Rod	1
B	Hopper Screen	1	H	Upper Discharge Chute	1
C	Drilled Pin (In bag of parts)	1	I	Lower Discharge Chute (42 in. shown)	1
D	Mounting Post	1		Grass Bags (Right and Left) (Not Shown)	2
E	Cargo Mount Bracket (In bag of parts)	1		Tie Strap (In bag of parts) (Not Shown)	3
F	Bagger Support Rod	1			

Assembly

Hardware



MX51010

Key	Description	Qty
A	Flat Washer, 8.40 x 24 x 2mm	2
B	Hex Head Bolt, (M8 x 90)	1
C	Round Head Bolt, (M8 x 20)	1
D	Spring Locking Pin	1
E	Hex Head Bolt, (M8 x 25)	1
F	Lock Nut, M8	3

NOTE: Additional flat washer included if hopper top latch adjustment is needed.

Assembly

What You Need to Assemble this Attachment

Time Needed and Skills Required

- Assembly for this attachment should take the average homeowner with basic technical skills an average of two hours.

Preparing the Machine

- If your machine is equipped with the sun canopy, the rear support posts of the sun canopy will interfere with installation and operation of the two-bag bagger assembly. The hopper top will not open completely and grass

bag removal will be restricted.

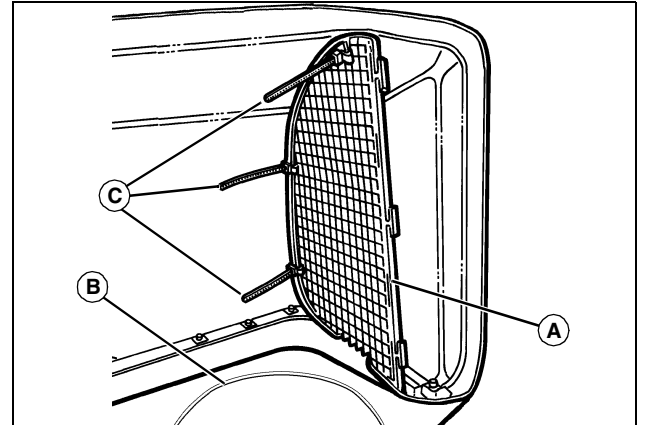
Tools Required

- Open-end 13mm wrench, or
- Adjustable wrench
- Metric socket wrench set with 13mm socket

Assemble Hopper Screen to Hopper Top

IMPORTANT: Avoid damage! Allowing the hopper to contact abrasive surfaces can cause scratching.

- Place hopper top upside down on a protective surface.



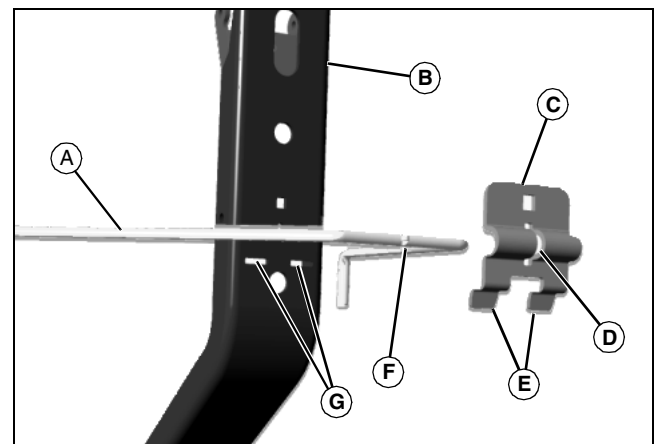
M96099

- insert the hopper screen (A) inside the hopper top so it fits between tabs located between chute hole (B) and side of hopper top.

Fasten hopper screen to tabs with three tie straps (C). Put tie straps through holes in hopper top tabs and slots in screen.

- Pull tie straps tight and cut off excess.

Assemble Bagger Support Rod to Cargo Mount Bracket



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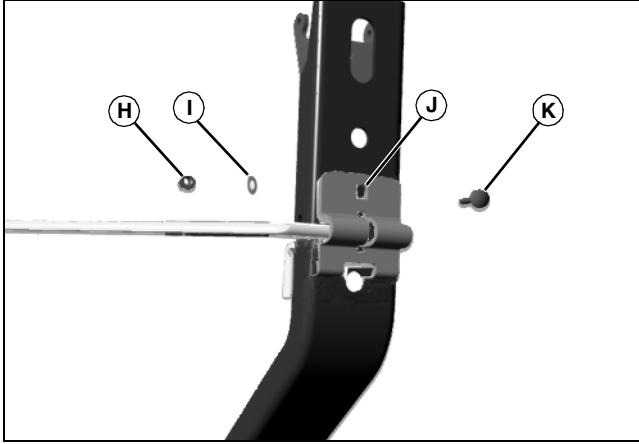
- Fit tabs (E) on cargo mount bracket (C) into slots (G) on mounting post (B).

NOTE: Assemble bagger support rod with bent ends pointing down as shown.

- Insert bagger support rod (A) between cargo mount bracket and mounting post.

Installing

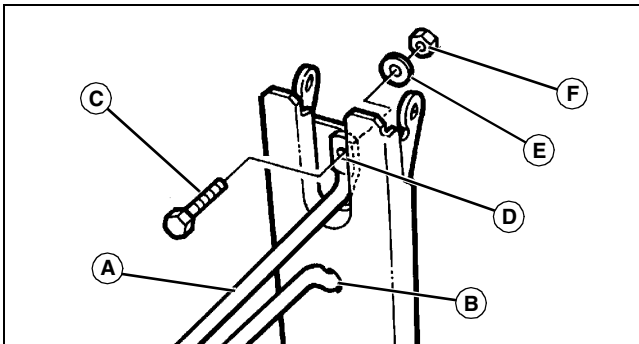
- Tab (F) on bagger support rod must fit into slot (D) on cargo mount bracket before tightening.



MX10310a

3. Insert round head bolt (K) through cargo mount bracket and into hole (J) in mounting post.
4. Secure bolt with flat washer (I) and M8 lock nut (H).

Assemble Latch Rod to Mounting Post

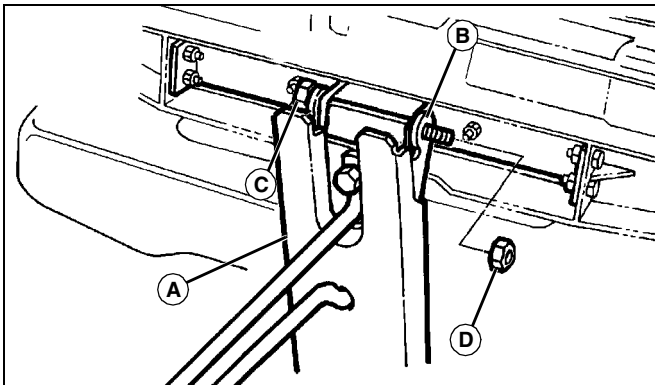


MX8875a

1. Insert lower part of latch rod (A) through hole (B) in mounting post.
2. Fasten upper part of latch rod with hex bolt (C) through latch rod end (D) and post hole, and secure with flat washer (E) and M8 lock nut (F).

Assemble Mounting Post to Hopper Top

1. Place hopper top upside down on a protective surface.



MX51009

2. Install mounting post (A) to hopper top hinge (B).
3. Install one M8 x 90 hex head bolt (C).

NOTE: Do not over-tighten the lock nut on the hinge bolt.

4. Install one M8 lock nut (D) onto hex head bolt. Tighten lock nut only until secure.
5. Raise and lower hopper top several times. Tighten or loosen hardware to adjust hopper top hinge tightness.

Installing

Installing Proper Ballast



CAUTION: Avoid injury! Operating with a grasscatcher or other attachment can affect stability on a slope. Use front weights on your tractor if necessary.

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

Use only attachments and accessories recommended by the manufacturer.

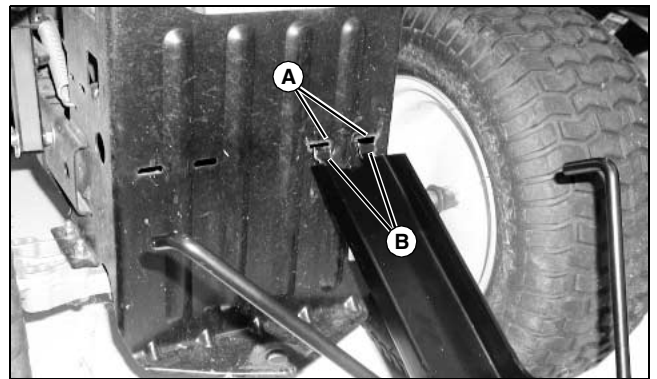
NOTE: Ballast is extra weight that can be added to the machine to provide additional stability. Typical ballast for your machine may be wheel weights or suitcase weights. See your authorized service center for recommended weights on your machine.

Install the proper front ballast to help counter-balance the total weight of the bagger. Remove ballast when the bagger is removed. This will ensure proper operation of the machine when not bagging.

Installing Hopper Top and Bags

Installing Mounting Post and Bagger Support Rod

1. Park machine safely. (See Parking Safely in the Safety section.)
2. Tilt the seat forward.



MX16777

3. Fit tabs (B) on end of mounting post into slots (A) on right side of rear hitch plate of tractor.

Installing



MX16778

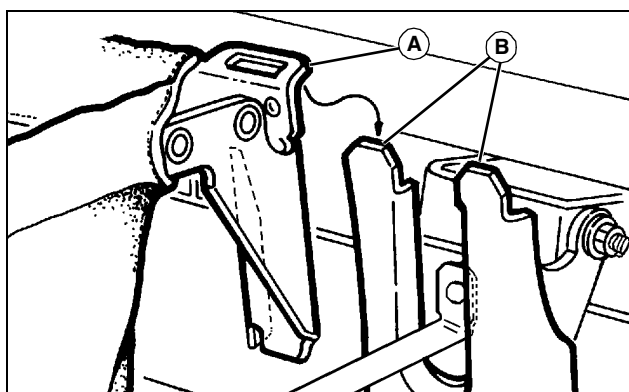
4. Raise mounting post upward toward tractor and insert bagger support rod ends (C) into the small holes in CargO Mount™ brackets at rear of tractor.



MX16778

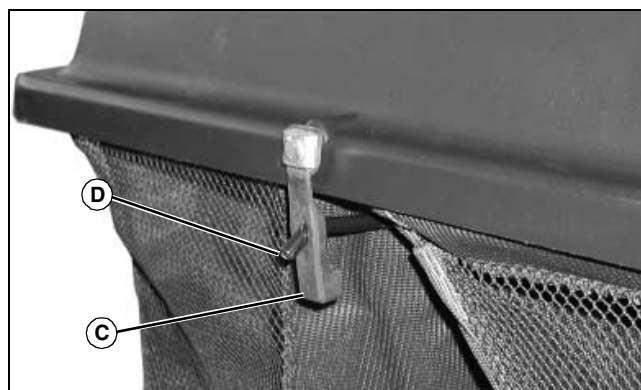
5. Install drilled cargo pin (D) through holes in mounting post and secure with spring locking pin (E).

Installing Bags



M93583

1. Install grass bags (A) onto tabs (B) at top of mounting post.



MX10308a

2. Close hopper top and fasten hood hold-down strap (C) over latch rod (D).

3. Check hood hold down tension. When attaching and removing strap (C), measure strap tension. Tension on strap should be approximately 19 - 25 mm (3/4 - 1 in.). Over extension on strap can lead to premature failure. (See "Adjusting Hopper Top Latch" in the SERVICE section for adjustment procedure.)

Installing Lower Discharge Chute (42 and 48 in. Cut and Throw Mower Decks)

NOTE: The mulch plate, if installed, must be removed before installing the bagger discharge chute.

1. Raise and hold plastic discharge chute on mower deck.

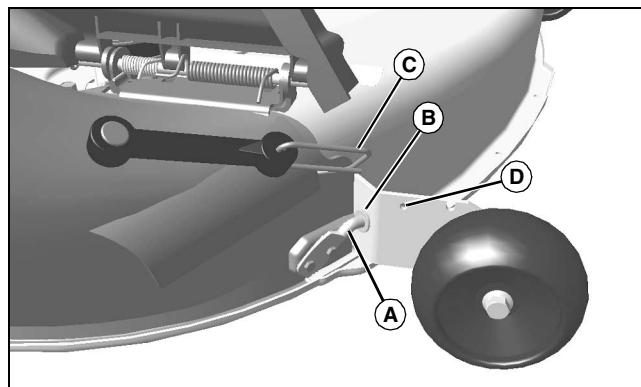
NOTE: To raise inner metal deflector, pull outward at rear of deflector then pull up.

2. Raise inner metal deflector, and position lower bagger discharge chute in front of mower deck discharge opening.



CAUTION: Avoid injury! Prevent possible thrown objects. The discharge chute assembly must fit tight against the chute hinge bracket and completely cover the mower deck discharge opening.

NOTE: Bagger discharge chute must fit on the outside of the mower deck discharge opening.



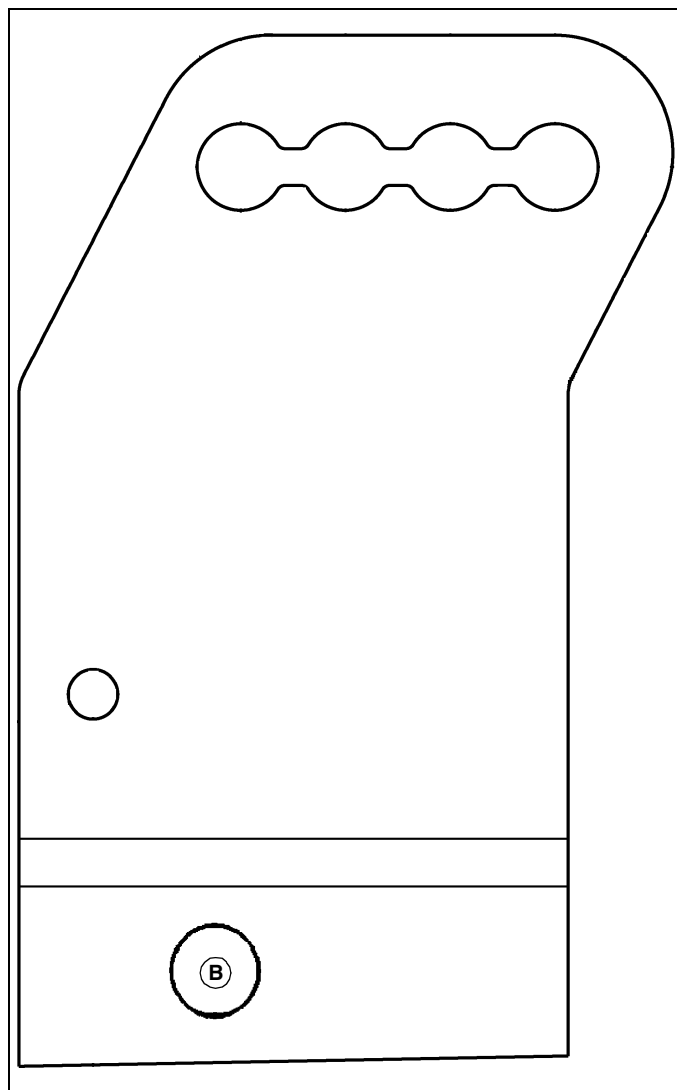
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3. At the front of the discharge opening, slide pin (A) through hole (B) in gage wheel bracket.

4. Hook front rubber strap hook (C) over the top of the gage wheel bracket and insert through hole (D).

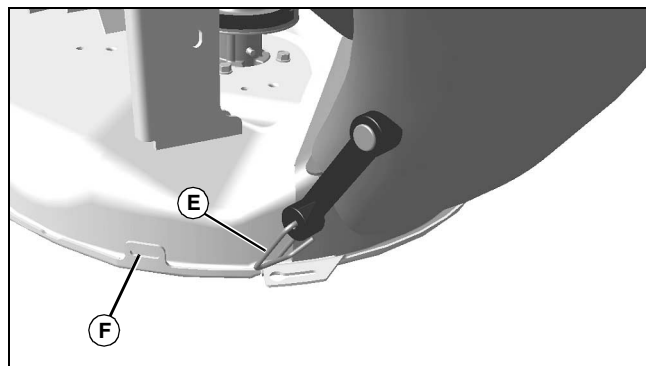
Installing

NOTE: If your mower deck does not have the 12.7 mm (1/2 in.) hole (B) in gage wheel bracket, cut out and use template below to mark and drill a 12.7 mm (1/2 in.) hole (B) into gage wheel bracket. This hole is necessary to mount the front of the discharge chute.



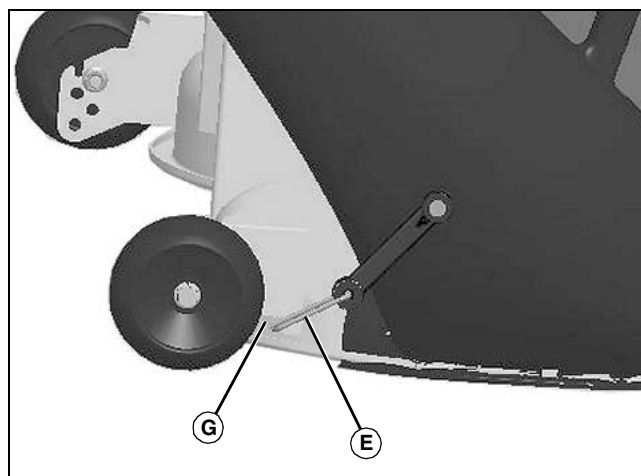
MX38729

5. Secure rear side of discharge chute:



MX38675

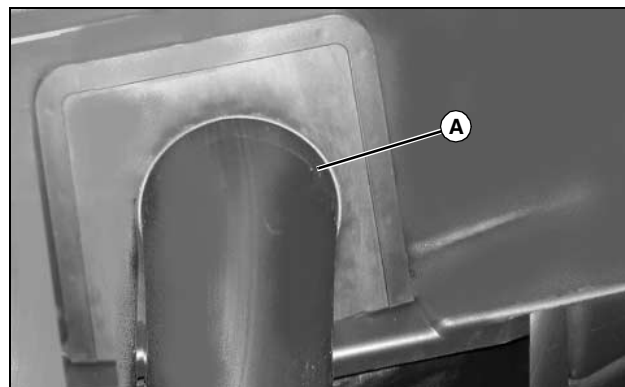
- On 42 in. decks, rotate rear side of lower discharge chute toward mower deck, and insert rear strap hook (E) on discharge chute into slot (F) on deck.



MX48595

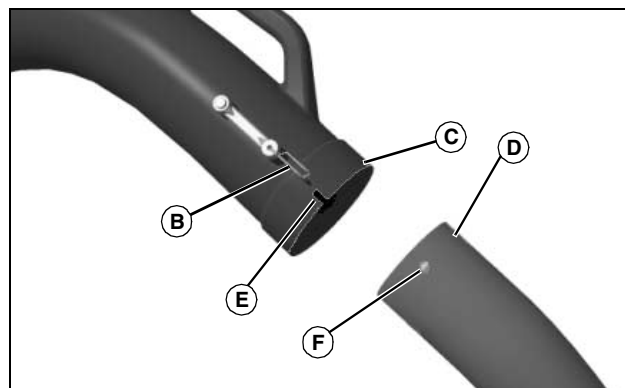
- On 48 in. decks, rotate rear side of lower discharge chute toward mower deck, and insert rear strap hook (E) on corner (G) of rear gage wheel bracket.

Installing Upper Bagger Discharge Chute



MX10307a

1. Slide top (A) of upper discharge chute into opening in hopper top.



MX10382

2. Slide bottom (C) of upper discharge chute over top (D) of lower chute, aligning notch (E) with bolt (F).

3. Hook rubber strap latch (B) onto bolt (F) in lower chute.

Operating

Operating

Getting the Best Performance from Your Bagger

Bagging Tips

IMPORTANT: Avoid damage! Bagger may extend beyond machine or mower. Be careful not to hit tree or building, etc., with hopper when you make short turns.

- Run engine at full speed. If engine slows down, reduce travel speed.
- Bag grass only when grass is dry: Wet grass will plug chute and bagger.
- Keep hopper top closed.
- Pick up all rocks, stones, twigs and other debris before mowing and bagging. Cut grass higher than desired the first time so mower will clear unseen obstructions that could cause damage to the mower or bagging attachment.

IMPORTANT: Avoid damage! Do not leave clippings in bags:

- Moisture may damage bags.
- Damp clippings are a fire hazard.

• Never leave grass or leaves in bags overnight or for long periods of time. Dampness from leaves or grass will cause deterioration of the bags. Also, damp leaves or grass when contained in the bags are combustible and can create a fire. For this reason, never store garbage bags of leaves or grass bagging attachment with full or partially filled bags in a garage or other enclosure. Grass clippings make excellent compost. Clippings can be used also as mulch between garden rows or around flowers, shrubs and trees.

Providing Airflow For Bagger

Bagger needs strong airflow from mower to bags for best performance. Follow these suggestions to help airflow:

- Keep bagger chute, hopper top, screen, bags and underside of mower clean.
- Keep throttle lever at fast position but travel at slow speed.
- Level mower front-to-rear so rear of mower is no more than 13 mm (1/2 in.) higher than front of mower.
- Operate mower in higher cutting positions.
- Replace worn or damaged mower blades.

Filling Bags

CAUTION: Avoid injury! Rotating blades can throw objects and debris. Stop engine before removing or installing discharge chute or grass catcher, or approved mulch plug or guard.

- When clippings are up to hopper top window, empty bags to avoid plugging bagger chute. Left bag normally fills first.
- Right bag may not fill completely when you are cutting thin stand of grass. Bag will fill if you slow engine to reduce airflow.
- Fill bags 1/2 full when operating on slopes to avoid tipping.

Unplugging Mower, Bagger, or Material Collection System



CAUTION: Avoid injury! Do not attempt to unplug attachment with machine running.

- Rotating blades are dangerous. Shut off the engine and remove the key before getting off the seat to inspect the machine and attachment.
- Thrown objects can cause serious injury. Make sure all machine parts are stopped before raising hopper top or removing chutes.

Checking For Plugging While Driving

If grass builds up in front of mower discharge chute, check for plugged chute or problems with blower assembly (if equipped).

If there is a trail of clippings behind mower or clippings blow to the side, check for plugged chute, full collector bags, or problems with blower assembly.

Removing Debris From Inspection Points:



CAUTION: Avoid injury! Do not use hands or feet to clear plugged mower deck or blower assembly. Stored energy can cause blades to rotate.

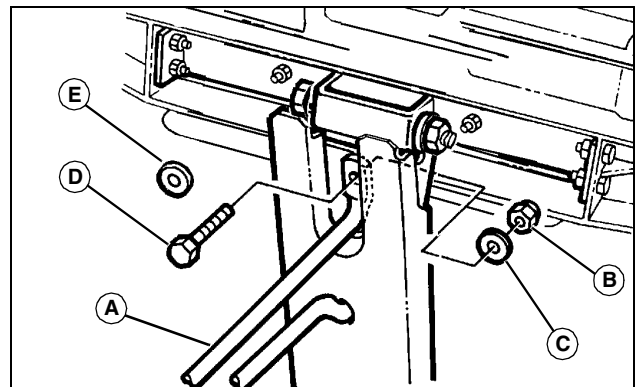
1. Park machine safely. Wait for all moving parts to stop before getting off to inspect machine.
2. Open hopper cover. Check chute outlet.
3. Remove chute from mower deck or blower assembly. Check chute inlet.
4. Check under mower deck for debris.

Service

Adjusting Hopper Top Latch

Check latch:

1. Close hopper top and fasten hood hold-down over latch rod. Hood hold-down should stretch down 19-25 mm (3/4-1 in.) to be fastened. If it does not stretch, adjust latch support rod.



M96098a

If Over Stretched:

- If over stretched, bend latch support rod (A) up until installed hold-down strap does not exceed beyond 25 mm (1 in.).

Troubleshooting

If Inadequate Tension:

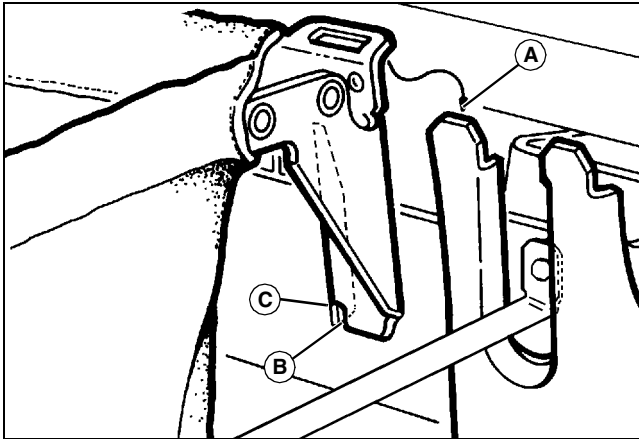
1. Remove M8 locknut (B), M8.4 flat washer (C) and M8x25 hex head bolt (D).
2. Add additional M8.4 flat washer (E) between latch support rod (A) and bag mounting bracket.
3. Install and tighten bolt (D), flat washers (C and E) and locknut (B).

Adjusting Bagger Level



CAUTION: Avoid injury! Rotating blades can throw objects and debris. Stop engine before removing or installing discharge chute or grass catcher, or approved mulch plug or guard.

NOTE: ! Bag frames must be level horizontally or hopper top will not seal properly.



1. Install left and right bags on bag mounting bracket (A).
2. Adjust left and right bags for level:
 - Adjust for Front-to-Rear level, by bending tab (B).
 - Adjust for Side-to-Side level, by bending tab (C).

Troubleshooting

Using Troubleshooting Chart

If you are experiencing a problem that is not listed in this chart, see your authorized dealer for service.

When you have checked all the possible causes listed and you are still experiencing the problem, see your authorized dealer.

Attachment

If	Check
Grass not being picked up completely.	• Mow grass only when dry. • Reduce mower ground speed. • Empty bags. • Clean screen in hopper top. • Unplug chute. • Check cutting edge of mower blades. • Increase engine speed to full throttle.
Collection chute plugged.	• Mow grass only when dry. • Empty bags. • Clean screen in hopper top. • Reduce mower ground speed. • Stop mower when bags are full, monitor bags/hopper more frequently.
Grass blows out between hopper tops and bags.	• Adjust bagger level for better sealing. • Adjust hood hold-down for better sealing.
Hopper top is too tight or too loose.	• Adjust hopper top hinge.

Getting Quality Service

Service Literature

If you would like a copy of the Parts Catalog or Technical Manual for this machine call:

- **U.S. & Canada:** 1-800-522-7448.
- **All Other Regions:** Your John Deere dealer.

Parts

We recommend John Deere quality parts and lubricants, available at your John Deere dealer.

When you order parts, your John Deere dealer needs the serial number or product identification number (PIN) for your machine or attachment. These are the numbers that you recorded in the Product Identification section of this manual.

Order Service Parts Online

Visit <http://JDParts.deere.com> for your Internet connection to parts ordering and information.

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 the appropriate attachment, machine or equipment operator manuals.
2. Contact your John Deere dealer with unanswered questions.
3. In North America or Canada, call the John Deere Customer Contact

Getting Quality Service

Center.

- Call 1-800-537-8233 and provide product serial number and model number.

Notes

Notes

Notes
