

JOHN DEERE
WORLDWIDE COMMERCIAL & CONSUMER
EQUIPMENT DIVISION

2-Bag Bagger
For EZtrak™ Series

OMM159832 G9

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

2-Bag Bagger

The 2-Bag Bagger is compatible with the Residential Zero Turn Mowers: Z425 and Z445 - Serial No. (080001 -)

Record Purchase Information

Record your purchase information in the spaces provided below.

DATE OF PURCHASE:

DEALER NAME:

DEALER PHONE:

Register Your Product and Warranty Online

To register your product through the Internet, simply go to www.JohnDeereWarrantyRegistration.com. Completing the information, either online or with the product warranty card, will ensure the customer that their product receives all post sales service and important product information.

Safety Labels



Understanding The Machine Safety Labels

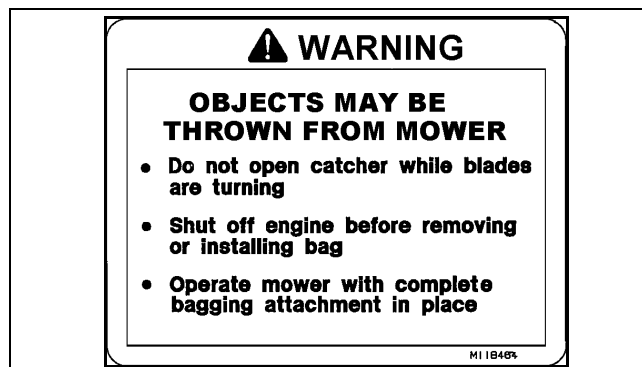
The machine safety labels shown in this section are placed in important areas on your machine to draw attention to potential safety hazards.

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



M118464

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

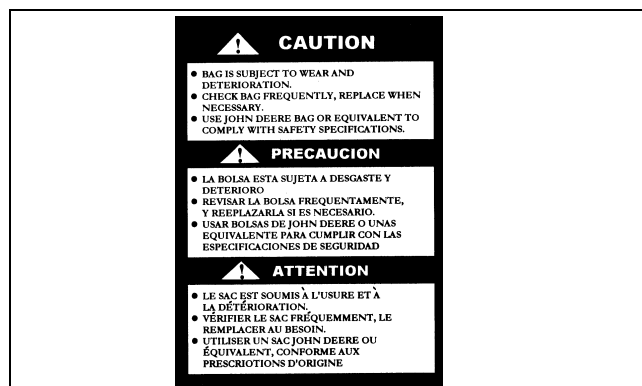
Thrown Objects



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 Maintenance:

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

Parking Safely

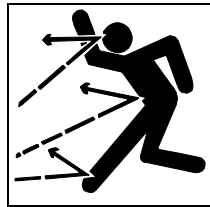
1. Stop machine on a level surface, not on a slope.
2. Disengage mower blades or any other attachments.
3. Lower attachments to the ground.
4. Lock the park brake.
5. Stop the engine.
6. Remove the key.
7. Wait for engine and all moving parts to stop before you leave the operator's seat.

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 springs.

PREPARING VEHICLE

- 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.

Preparing Vehicle

Remove Mulch Kit



CAUTION: Avoid injury! Mower blades are sharp. Always wear gloves when handling mower blades or working near blades.

The Mulch Kit is not compatible with the installation of the 7-Bushel Rear Bagger and 7-Bushel Power Flow systems. If a Mulch Kit is installed on the mower, it must be removed along with the mulch plug, attaching hardware and mulching blades.

Install Proper Mower Blades



CAUTION: Avoid injury! Blades are sharp. Always wear gloves when handling blades or working near blades.

IMPORTANT: Avoid damage! When replacing mower blades, always use genuine John Deere Service Parts.

- For best performance, always use correct mower blade for job being performed.
- Always follow safety and service instructions in the machine operator's manual when changing mower blades.

For maximum bagging performance, install the correct blades for mower. If machine has a 7-Bushel Rear Bagger that was shipped with mower blades, these blades must be used when bagging. If special blades were not included, determine the correct blades for machine application as follows:

48 Mower Decks

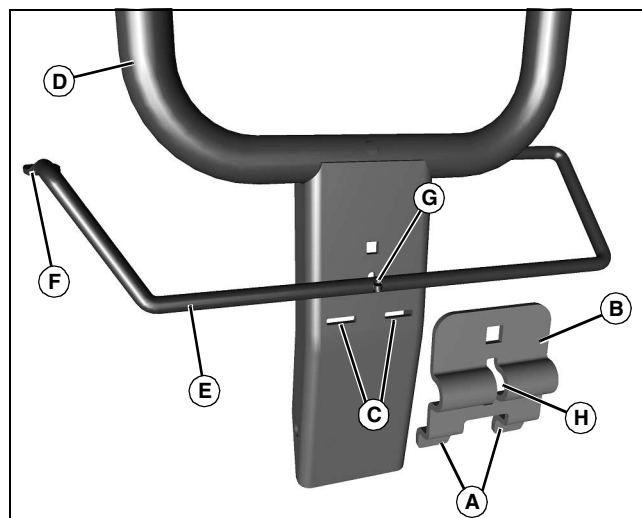
- Standard Blades: There is only a standard design mower blade available for these mowers. This blade is designed for all mowing applications, except for mulching.
- Mulching Blades: Not to be used with material collection system; not enough air flow. Should be used only with the optional mulch kit.

Install Mower Lip Sections

Optional bolt-on lip sections provide various advantages when bagging. Lip Kits are not available for all mower models. See your John Deere dealer for availability.

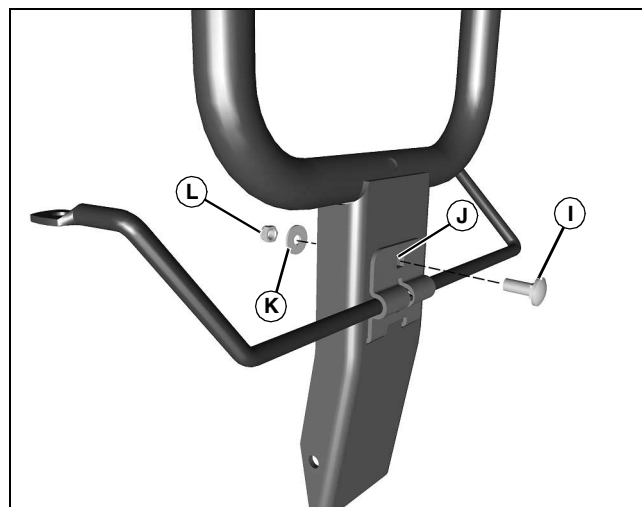
Assembly

Assemble Support Rod to Mounting Post



MX43467

1. Fit tabs (A) on support rod bracket (B) into slots (C) on mounting post (D).
2. Insert support rod (E) between support rod bracket and mounting post:
 - When viewed from rear, the longer end (F) of rod (E) should be faced toward the left.
 - Flat side of drilled ends on support rod must be facing down.
 - Tab (G) on support rod must fit into slot (H) on support rod bracket before tightening.

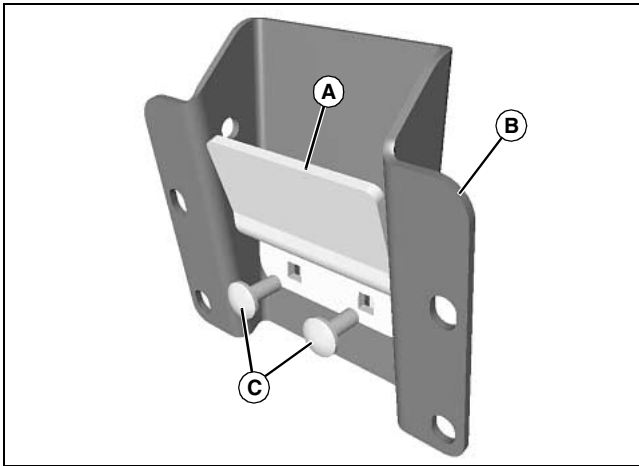


MX43468

3. Insert M8x20 carriage bolt (I) through support rod bracket and hole (J) in mounting post.
4. Secure bolt with an M8 flat washer (K) and M8 locknut (L).

ASSEMBLY

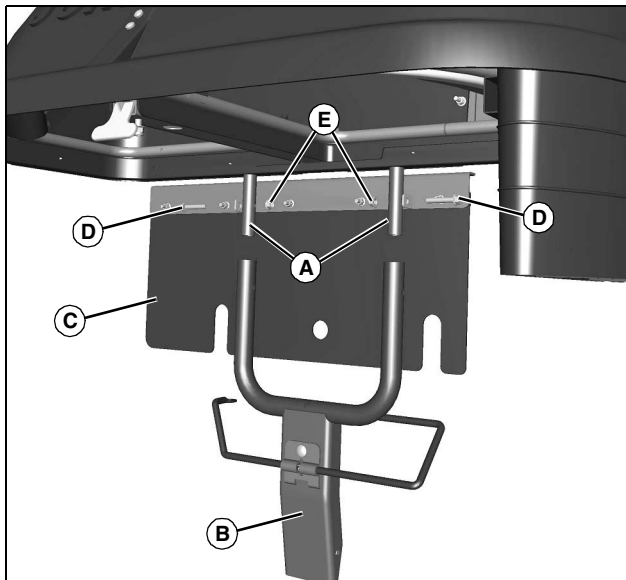
Assemble Stop Bracket to Mounting Post Bracket



MX37831

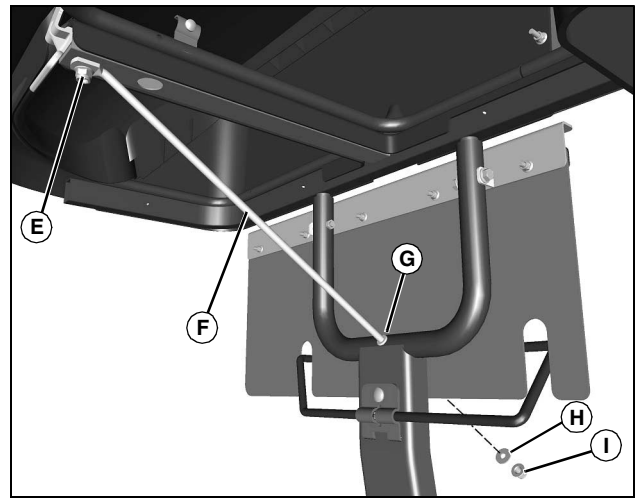
1. Position stop bracket (A) inside of mounting post bracket (B), aligning square mounting holes in stop bracket with the two slotted holes in the mounting post bracket. Secure with M8x20 carriage bolts (C), installed from the inside out, and M8 flange nuts. Do not fully tighten until mounting post is installed, to adjust properly for crosspin alignment.

Assemble Hopper and Shield



MX43469

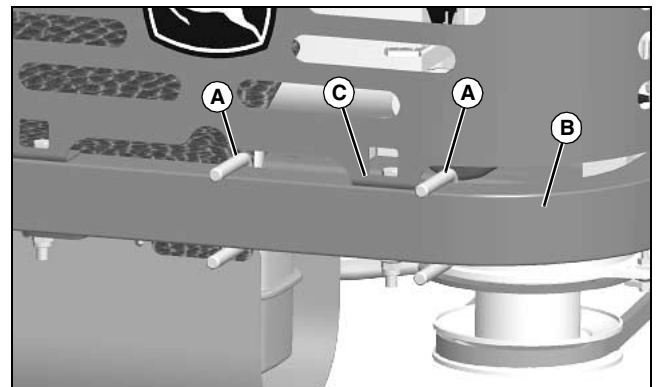
1. Align hopper support tubes (A) with H-frame (B). Set hopper assembly onto H-frame.
2. Secure shield (C) and hopper assembly to H-frame with two M8x45 bolts (D) and M8 locknuts (E). Tighten hardware completely.
3. Open hopper cover.



MX43470

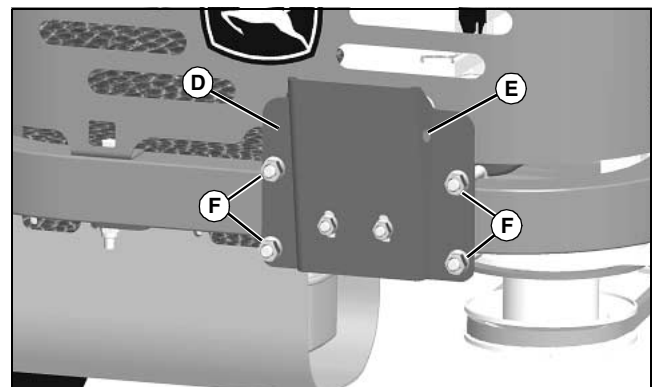
4. Remove pre assembled hardware (E) from hopper center frame support.
5. Insert threaded end of gusset rod (F) through hole (G) in H-frame. Secure with M10.5 x 30 x 2.5 flat washer (H) and M10 locknut (I).
6. Align other end of rod with hole in hopper center frame support. Reinstall and tighten hardware.

Assemble Mounting Post Bracket to Machine



MX37838

1. Install two U-bolts (A) around the machine frame (B) at the right rear corner. One U-bolt should be positioned at each side of mounting flange (C), securing engine guard to frame.



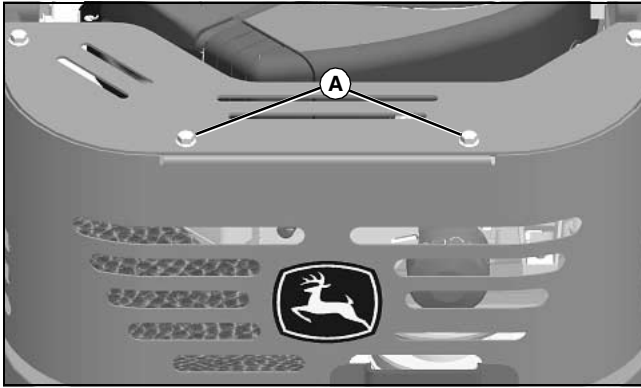
MX37839

2. Assemble mounting post bracket (D) over the two U-bolts, with the crossholes (E) in the mounting post bracket toward the top, and secure

INSTALLING

loosely with 3/8 in. flange nuts (F). Do not fully tighten hardware at this time.

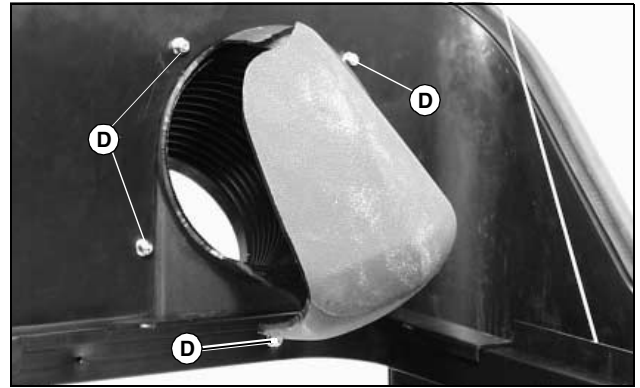
Install Quick-Attach Pins



MX37840

1. Remove and discard the two M8x20 flange head bolts (A) at the top rear of the engine cover, and replace with two M8 quick-attach pins from the bag of parts. Tighten hardware.

IMPORTANT: Avoid damage! Do not overtighten locknuts. Excessive torque will cause bolt heads to pull through upper chute.

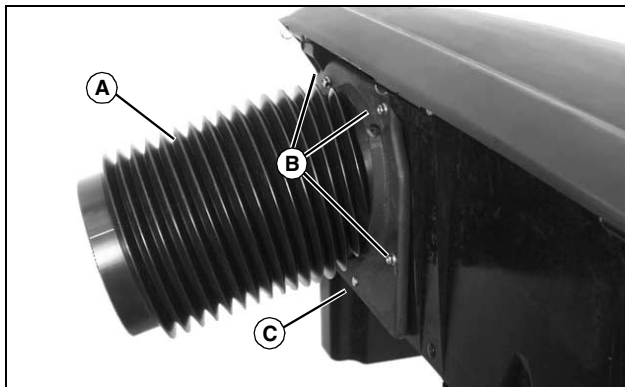


M96603

3. Install M6 locknuts (D) onto bolts. Tighten locknuts until upper chute fits snug against hopper case.

Installing

Install Upper Chute



M96605

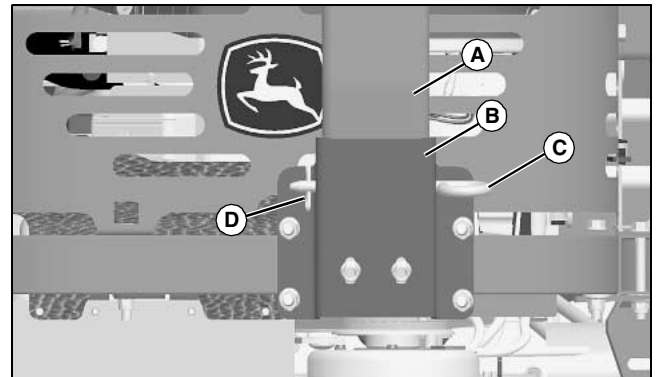
1. Insert upper chute (A) through opening in hopper case. Align mounting holes.

NOTE: Due to material thickness, it is suggested that the M6 x 40 bolt (C) be installed from the inside, with the M6 locknut to the outside

2. Install three M6x25 bolts (B) and one M6x40 bolt (C).

Install Mounting Post and Hopper Top

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

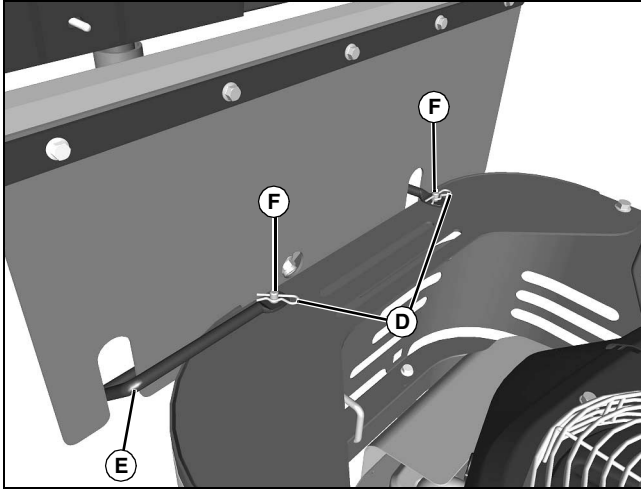


MX37841

3. Lift assembled mounting post (A) and hopper top, and align over mounting post bracket (B).
4. Lower mounting post into mounting post bracket. Position as necessary to align crossholes in mounting post and bracket, and secure with drilled pin with looped end (C) and spring locking pin (D).

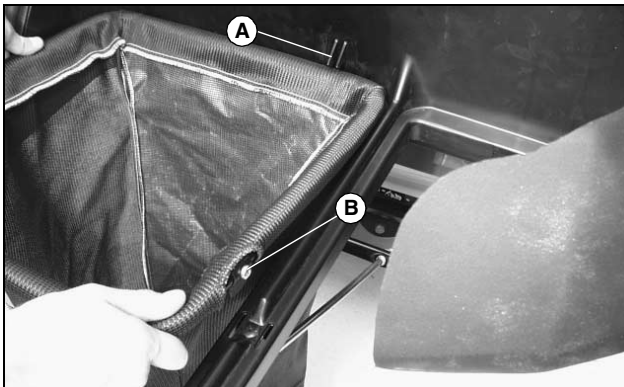
INSTALLING

NOTE: The first time that the mounting post and hopper top are installed, it may be necessary to align the mounting post bracket so that the support bracket properly aligns with the quick-attach pins. Once the mounting post bracket is properly aligned and the hardware is tightened, this step will not have to be repeated.

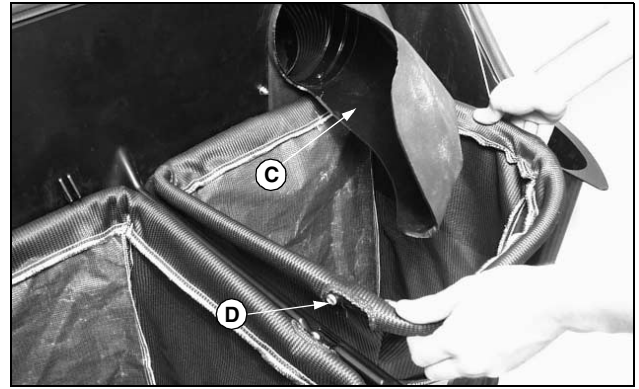


5. Lower the support rod (E) over the two quick-connect pins (F) and secure with spring locking pins (D). If the support rod and pins do not line up correctly, adjust the position of the mounting post bracket, as necessary. Once the support rod is secured to the quick-connect pins, tighten all mounting post bracket hardware securely.

Install Bags



1. Position left bag under retainer (A) and insert clip (B) into groove in hopper center frame support.

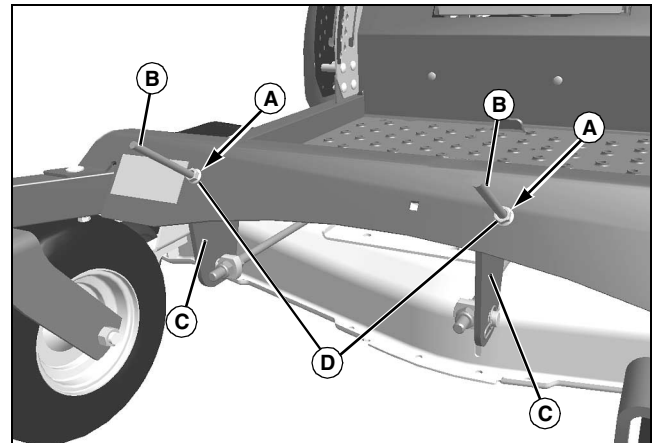


2. Position right bag under upper chute (C) and insert clip (D) into slot in hopper center frame support.

NOTE: Cover may be difficult to latch when unit is new. If necessary, see *Adjusting Hopper Latch* in the *SERVICE* section of your bagger Operator's Manual.

3. Close hopper cover and ensure latch is engaged.

Front Ballast Installation

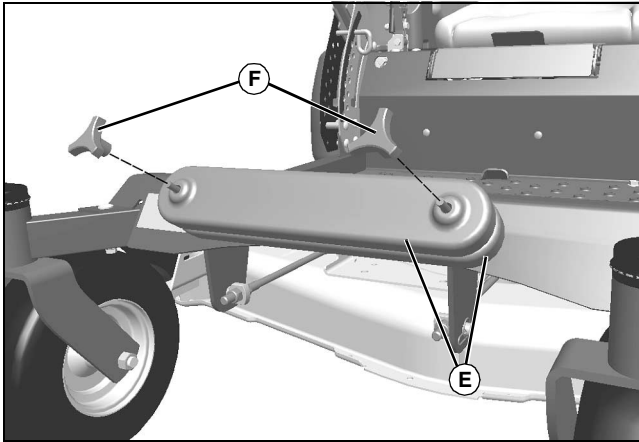


1. Remove existing hardware from two holes (A) in frame.

2. Install two M8x100 bolts (B) from under frame, through front brackets (C) and holes in frame (A). Secure each bolt using a washer and M8 nut (D).

REMOVING AND STORING

NOTE: Z425 and Z445 require two (2) weights (E).

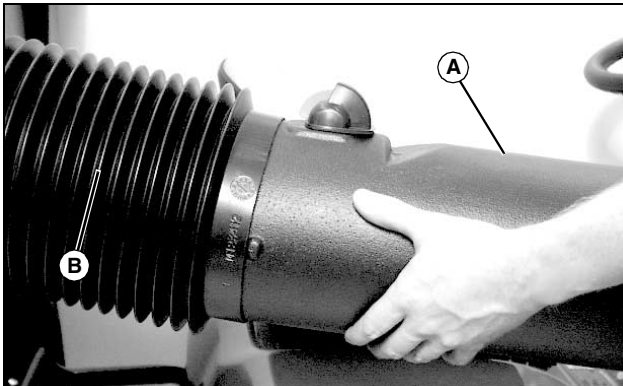


MX38586

Picture Note: Z425 shown.

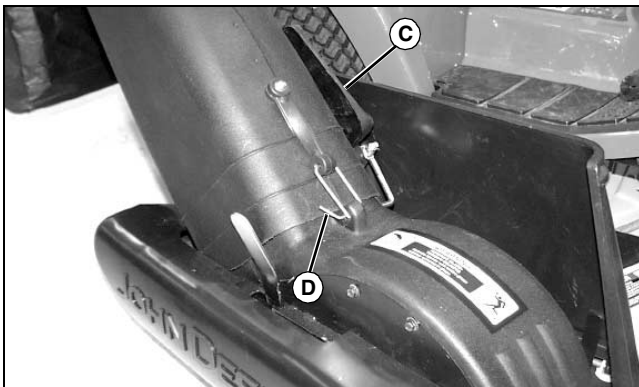
3. Install two weights (E) onto bolts, with recessed holes in weights facing machine frame.
4. Secure with two knobs (F).

Install Power Flow Chute



M96602

1. Insert round end of power flow chute (A) into upper chute (B) at hopper assembly. Guide chute into opening far enough to provide clearance for connection to the Power Flow.



MX8426

2. Lift and hold open exhaust door (C) on the Power Flow,
3. Slide chute completely onto blower outlet.
4. Secure strap hook (D) to loop on Power Flow.

5. Close and latch the hopper lid.

Removing and Storing

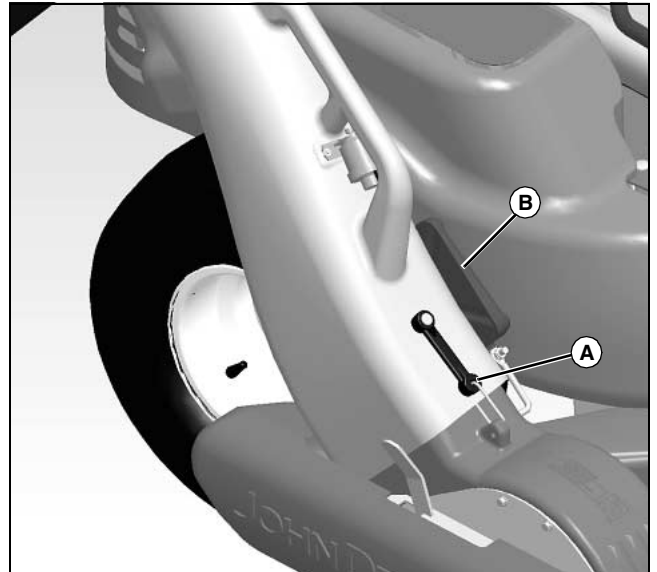
Remove Ballast



CAUTION: Avoid injury! When the attachment is removed, also remove any ballast that was added to the machine. Use only attachments and accessories recommended by the manufacturer.

Remove front ballast. This will ensure proper operation of the machine when material collection system is not installed.

Removing Chutes (48 in. Mower Deck with Power Flow)



MX37843

1. Release rubber strap latch (A).
2. Hold open discharge cover (B) on power flow unit, and remove lower chute from discharge opening on power flow.

Removing Bagger

1. Open hopper top and remove both bags.
2. Empty all debris from bags.



CAUTION: Avoid injury! To prevent injury from thrown objects, inspect bags frequently for wear and deterioration. Check bags frequently and replace when necessary.

3. Inspect bags for wear and deterioration; replace if necessary.
4. Remove spring locking pin and drilled pin retaining mounting post on mounting post bracket.
5. Remove mounting post and hopper top assembly from machine.
6. Install drilled pins and spring locking pins to mounting post for storage.

OPERATING

Storing Safety



CAUTION: Avoid injury! Fuel vapors are explosive and flammable. Engine exhaust fumes contain carbon monoxide and can cause serious illness or death:

- Run the engine only long enough to move the machine to or from storage.
- Machine fires and structure fires can occur if a machine is stored before allowing it to cool, or if debris is not removed from around the engine and muffler, or if stored near combustible materials.
- Do not store vehicle with fuel in the tank inside a building where fumes may reach an open flame or spark.
- Allow the engine to cool before storing the machine in any enclosure.

Storing Bagger

1. Remove the bagger from the machine.
2. Empty and clean the hopper, chute and bags.
3. Remove any ballast used during bagging. This will ensure proper operation of the mower when the bagger is not used.
4. If you are using a special mower blade for bagging, remove it and use the correct mower blade.
5. Replace missing or damaged parts. Make sure all hardware is secure.
6. Paint scuffed metal surfaces to prevent rust.
7. If possible, store the bagger in a cool, dark place. If it must be stored outside, put a weather-proof cover over it.

Removing Bagger From Storage

1. Remove bagger from storage and clean if necessary.
2. Install bagger.
3. Install the proper ballast.
4. If you are using a special mower blade for bagging, make sure it is installed.

Operating

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.

Air Flow for Material Collection System

The material collection system needs strong air flow from mower deck to bags for best performance.

Follow these suggestions to maintain sufficient air flow:

- Keep blower assembly (if equipped), chutes, hopper top, screen, bags, and underside of mower deck clean.
- Keep throttle lever at fast position but travel slow.
- Level mower front-to-rear so rear of mower is no more than 10 mm (3/8 in.) higher than front of mower.
- Operate mower in higher cutting positions.
- Replace worn or damaged mower blades.
- Attach optional lips (if available).

Filling Bags

Check level of clippings often.

Empty bags when full to prevent plugging of chute.

Left bag normally fills first.

Right bag may not fill completely when you are cutting a thin stand of grass. Bag will fill if you slow engine to reduce air flow.

To avoid tipping, fill bags 1/2 full when operating on slopes.

Bagging Tips

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.

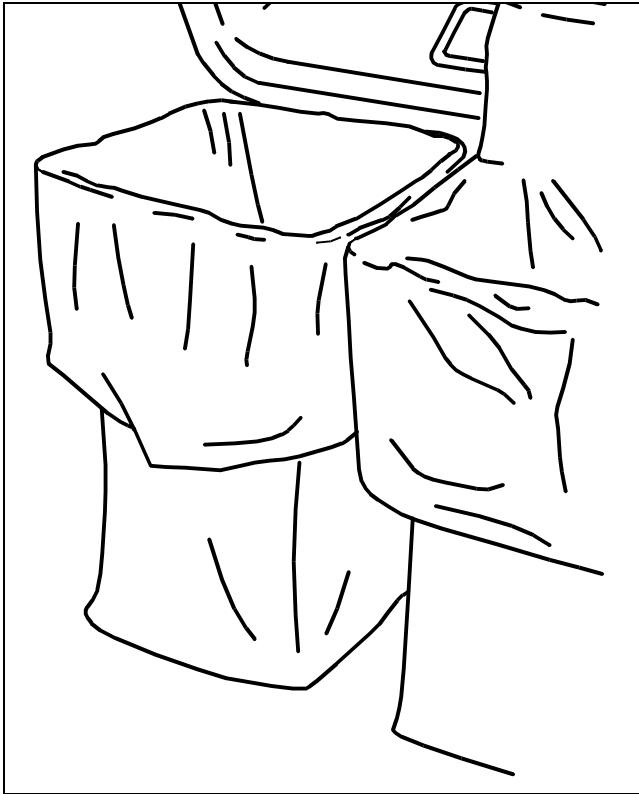
Pick up all rocks, stones, twigs and other debris before mowing and bagging. Cut grass higher than desired the first time so mower will clear unseen obstructions that could cause damage to the mower or bagging attachment.

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 the 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.

SERVICE



MIF

Plastic lawn and leaf or garbage bags can be placed inside the cloth bags to facilitate disposal of grass or leaves. Use 33 gallon size lawn and leaf bags.

NOTE: Be sure to drape enough of the plastic bag over the outside of the cloth bag on all four sides so the bags can easily be tied shut after filling.

To remove plastic bags, first tie the bag shut. Then remove cloth bag with plastic bag from support. Lay bag on its side on ground. Hold cord on bottom of bag and shake material out of bag to empty.

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.

After Bagging

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

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

Immediately empty clippings from cloth bags. Allow the bags to dry after mowing to prevent deterioration.

Let engine cool to help prevent starting a fire when you store the mower.

Clean top of deck, engine, and material collection system with compressed air, if possible, to help prevent buildup and fire.

Clean under deck with water under pressure, to help prevent buildup and remove corrosive lawn chemicals. After washing deck, run mower for a few minutes to dry.

Transporting MCS

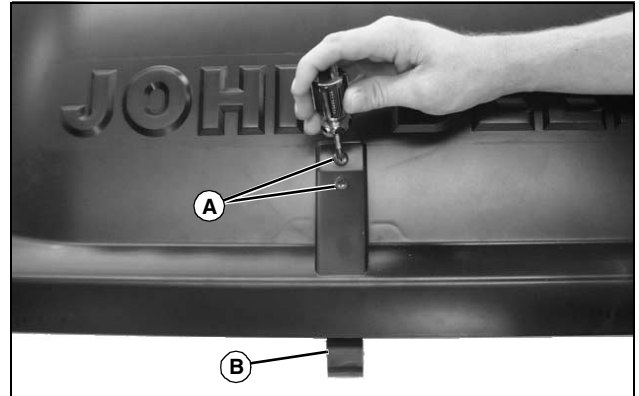
If the material collection system will be left on the tractor during transport, follow these guidelines when trailering the unit:

- Empty the cloth bags and remove them from the hopper. Full bags add extra weight which can overstress the hopper frame on rough roads. At road travel speeds, wind can cause premature wear of the cloth bags.
- Make sure the hopper cover is latched securely to the hopper frame.
- If unit will be transported over long distances or at high speeds, remove the rear bagger or power flow chute before transport.

Service

Adjusting the Hopper Latch

The hopper latch is designed to maintain a tight seal between the hopper cover and body case. If the latch is difficult to operate, it can be adjusted:

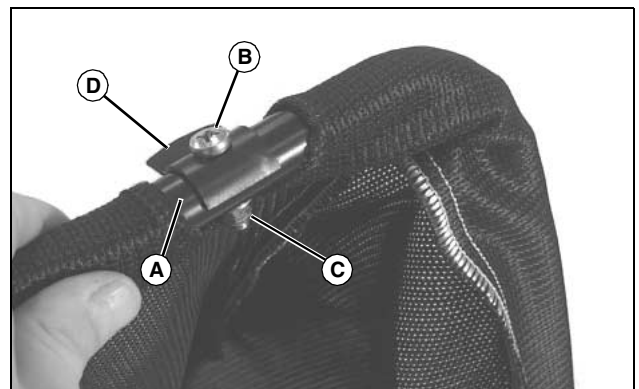


M96617

1. Loosen attaching screws (A).
2. Pull latch (B) downward to lengthen the latching distance.
3. Tighten the attaching screws.

Replacing the Grass Bags

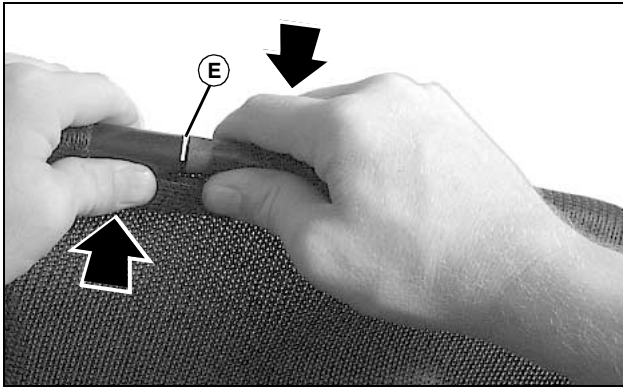
1. Remove bags from hopper.



M96674

2. Mark each bag frame (A) as right or left side accordingly.
3. Remove M6 x 30 pan head screw (B), M6 locknut (C), and clip (D) from frame tube. Retain all parts.

TROUBLESHOOTING



M96675

4. Slide bag around frame until seam (E) appears at one of the bag openings.

IMPORTANT: Avoid damage! Avoid distorting the frame. Do not bend apart frame ends beyond 12 mm (1/2 in.).

5. Pull apart the frame tubes. Gently bend the tubes in opposite directions to provide 12 mm (1/2 in.) clearance between them.

NOTE: If frame position is incorrect when installing new bag, the bag will be upside down.



M96676

6. Work the bag material around the frame tube until the bag is removed.

7. Find the hole in the frame where the clip was previously installed. Then hold the frame as if it was going to be installed in the hopper. With the bag properly positioned, work the new bag onto the frame.

8. Once installed, make final adjustments to the bag until the machine safety label is positioned at the latch side of the hopper.

9. Install original clip.

10. Repeat for other bag.

Inspect Mower Blades

Inspect mower blades:

- Check to make sure mower blades are in good condition and that the blades are sharp.
- Make sure mower blades are properly installed on the spindle and the attaching hardware is properly torqued.

Troubleshooting

Using Troubleshooting Chart

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

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

IF	CHECK
Not all the grass is picked up.	Mow grass only when it is less wet. Mow at full-throttle. Use a slower travel speed. Clean the hopper exhaust screen. Empty bags. Clean out the chute and blower assembly (if equipped). Clean out the mower deck. Use correct mower blades that are sharp. Level the mower deck. Set mower deck at higher cutting height. Check mower deck belts and replace, if necessary.
The Power Flow and/or discharge chute plugs.	Empty bags. Mow grass only when it is less wet. Mow at full-throttle. Use a slower travel speed. Clean the hopper exhaust screen. Level the mower deck and use the correct cutting height. Clean out the mower deck.
Grass leaks out of the hopper.	Check for damaged hopper seals.

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

GETTING QUALITY SERVICE

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. Call the John Deere Customer Contact Center.
 - Call 1-800-537-8233 and provide product serial number and model number.