

**JOHN DEERE**  
**WORLDWIDE COMMERCIAL & CONSUMER**  
**EQUIPMENT DIVISION**

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**Rear Bagger and Power Flow™**  
**8 Bushel**

OMTCU15755 G2

**OPERATOR'S MANUAL**



**JOHN DEERE**

North American Version  
Litho in U.S.A.

# INTRODUCTION

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## Thank You for Purchasing a John Deere Product

We appreciate having you as a customer and wish you many years of safe and satisfied use of your machine.

## Using Your Operator's Manual

This manual is an important part of your machine and should remain with the machine when you sell it.

Reading your operator's manual will help you and others avoid personal injury or damage to the machine. Information given in this manual will provide the operator with the safest and most effective use of the machine. Knowing how to operate this machine safely and correctly will allow you to train others who may operate this machine.

If you have an attachment, use the safety and operating information in the attachment operator's manual along with the machine operator's manual to operate the attachment safely and correctly.

This manual and safety signs on your machine may also be available in other languages (see your authorized dealer to order).

Sections in your operator's manual are placed in a specific order to help you understand all the safety messages and learn the controls so you can operate this machine safely. You can also use this manual to answer any specific operating or servicing questions. A convenient index located at the end of this book will help you to find needed information quickly.

The machine shown in this manual may differ slightly from your machine, but will be similar enough to help you understand our instructions.

RIGHT-HAND and LEFT-HAND sides are determined by facing in the direction the machine will travel when going forward. When you see a broken line arrow (----->), the item referred to is hidden from view.

Before delivering this machine, your dealer performed a predelivery inspection to ensure best performance.

## Special Messages

Your manual contains special messages to bring attention to potential safety concerns, machine damage as well as helpful operating and servicing information. Please read all the information carefully to avoid injury and machine damage.



**CAUTION: Avoid injury! This symbol and text highlight potential hazards or death to the operator or bystanders that may occur if the hazards or procedures are ignored.**

**IMPORTANT: Avoid damage! This text is used to tell the operator of actions or conditions that might result in damage to the machine.**

***NOTE: General information is given throughout the manual that may help the operator in the operation or service of the machine.***

# PRODUCT IDENTIFICATION

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## Product Compatibility

The POWER FLOW and 8 Bushel Rear Bagger are compatible with Z-TRAK models 717, 727, 737 and 757.

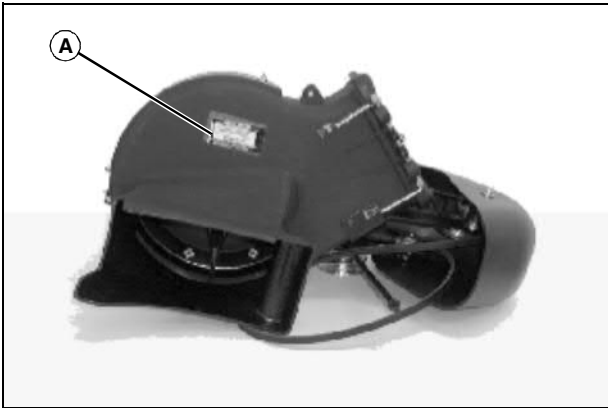
## Record Identification Numbers

### POWER FLOW

Serial No. (010001-)

If you need to contact an Authorized Service Center for information on servicing, always provide the product model and serial number.

You will need to locate the serial number for the attachment. Record the information in the spaces provided below.



MX12469

DATE OF PURCHASE:

\_\_\_\_\_

DEALER NAME:

\_\_\_\_\_

DEALER PHONE:

\_\_\_\_\_

SERIAL NUMBER (A):

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OMTCU15755 G2 - English

# SAFETY

## 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.

## WARNING: Rotating Blade-Thrown Objects



MX12470 M118454

Operate blower with entire grass catcher secured in place.

## WARNING



MX12471 M128896

To avoid injury from thrown objects, keep bystanders away. Shut off engine before opening hopper top. Keep chutes in place. Never allow riders on hopper top or on frame.

## CAUTION

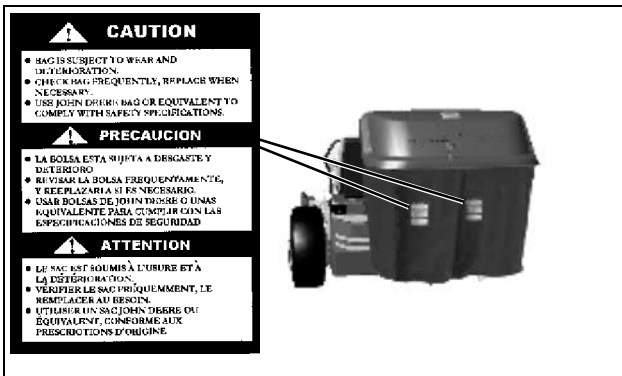


MX12471 M128896

To avoid injury, ballast per operator's manual. Bag is subject to wear and deterioration, check bag frequently and replace, as necessary, with a John Deere bag or equivalent to comply with safety specifications.

# SAFETY

## CAUTION



MX12471 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.

## Operating Safely

Read, understand and follow all instructions in this attachment manual, the vehicle 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 vehicle. 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 machine 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 you remove or install bags:

- Stop mower.
- Disengage mower.
- Stop engine and lock park brake.

### Before you back up:

- Stop machine.
- Look behind hopper for children.

### Bag Maintenance:

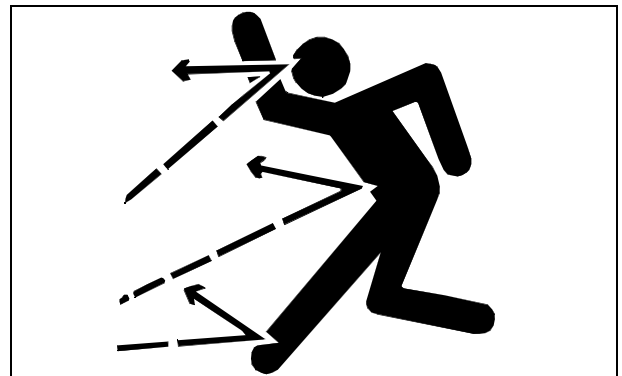
- Bag is subject to wear and deterioration.
- Check bag frequently, replace when necessary.

- Use John Deere bag or equivalent to comply with safety specifications.
- Do not leave clippings in bags overnight.

### Operate safely on slopes:

- Empty bags when they are half full.
- Do not operate on steep slopes.
- Before you turn, slow down.
- Avoid sudden starts and stops.
- Avoid holes, rocks, and roots.
- Mow across slopes— not up and down.
- Do not park mower with material collection system on slopes.

## Avoid Injury From Thrown Objects



- When operating the vehicle with the attachment installed make sure all chutes and hoses are securely in place. Keep hopper top closed or MCS in operating position.
- 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.

# SAFETY

## Avoid Injury From Rotating Blades



MIF

- Do not put hands or feet near blower assembly when engine is running.
- Stop engine before you unplug the blower assembly.
- Do not operate the blower assembly unless entire grass catcher is fastened in place with hopper cover latched in the CLOSED position or the MCS is returned to the operating position.

## Parking Safely

1. Stop machine on a level surface, not on a slope.
2. Move motion control levers out to the neutral lock position.
3. Disengage mower blades.
4. Lower attachments to the ground.
5. Lock the park brake.
6. Stop the engine.
7. Remove the key.
8. Wait for engine and all moving parts to stop before you leave the operator's seat.
9. Close fuel shut-off valve, if your machine is equipped.
10. Disconnect the negative battery cable or remove the spark plug wire (for gasoline engines) before servicing the machine.

## Practice Safe Maintenance



- Understand service procedure before doing work. Keep area clean and dry.
- Lower any attachment completely to the ground or to an existing attachment mechanical stop before servicing the attachment.
- Never lubricate, service or adjust the attachment while the machine is moving. Keep safety devices in place and in working condition. Keep hardware tight.
- Before servicing attachment, carefully release pressure from any components with stored energy, such as hydraulic components.
- 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.
- Unauthorized modifications to the attachment may impair its function and safety. Do not tamper with its original design.

# INSTALLING

## Preparing the Vehicle

**NOTE:** Read and complete the Assembly section at the back of this operator manual if installing the attachment for the first time.

### Machine Setup

- Check tire pressure of machine before operating machine.

## Installing Proper Ballast



**CAUTION:** Avoid injury! Ballast is required when the attachment is installed.

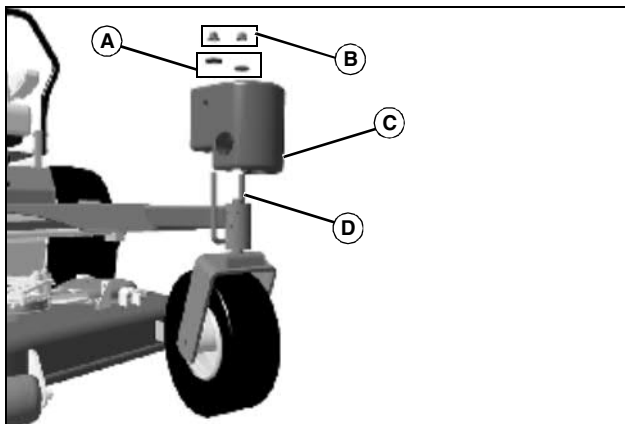
When the attachment is removed, also remove any ballast that was added to the machine.

Use only attachments and accessories recommended by the manufacturer.

**NOTE:** Ballast is included with this attachment . If ballast was not shipped with the rear bagger and POWERFLOW, see your authorized dealer.

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.

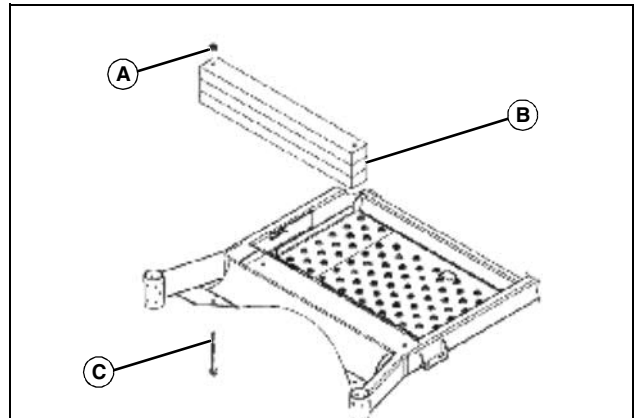
### Install Ballast (Models 717 and 727)



MX15655

1. Install the front caster wheel weight (C) on each caster wheel support.
2. Secure the weights with U-bolt (D), washers (A) and nuts (B) as shown.

### Install Ballast (Models 737 and 757)



MX15654

1. Install three weights (B) between the caster wheel support arms as shown.
2. Secure the weights to the machine on each side with a bolt (C) and nut (A).

## Installing Proper Mower 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.

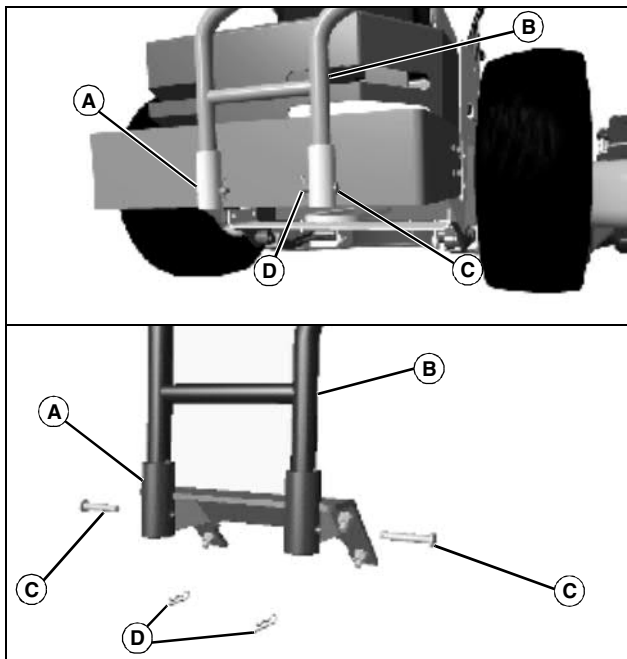
For maximum performance from your POWER FLOW, install the correct mower blades for your application:

- Mulching Blades - Not for use with POWER FLOW.
- Standard Blades - Standard blades are designed for bagging, side discharging, and all mowing conditions.

## Installing H-Frame

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

# INSTALLING

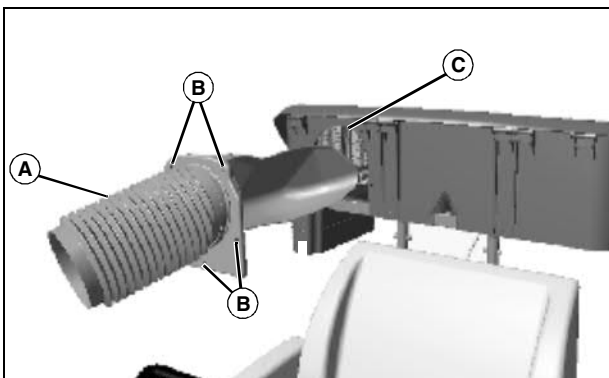


MX15659 MX12486

**Picture Note: Upper picture shows 717/727 mounting bracket. Lower picture shows 737/757 mounting bracket.**

2. Slide hopper H-frame (B) into support bracket (A).
3. Align holes in mounting bracket with holes in H-frame. Secure H-frame with drilled pins (C) and spring locking pins (D).

## Installing Upper Chute

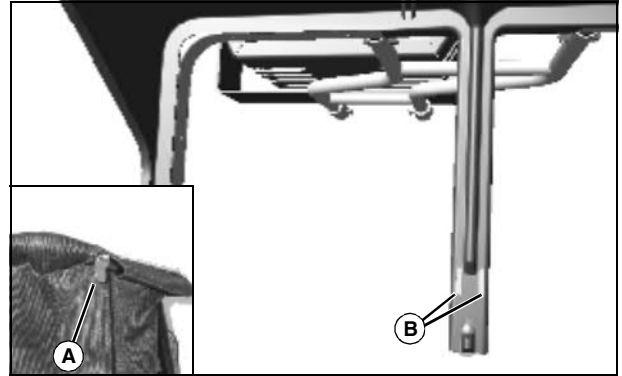


MX12484

1. Install upper chute (A) into opening (C) in hopper as shown.
2. Secure upper chute to hopper with screws at four points (B). Tighten all chute mounting hardware.

## Installing Grass Bags

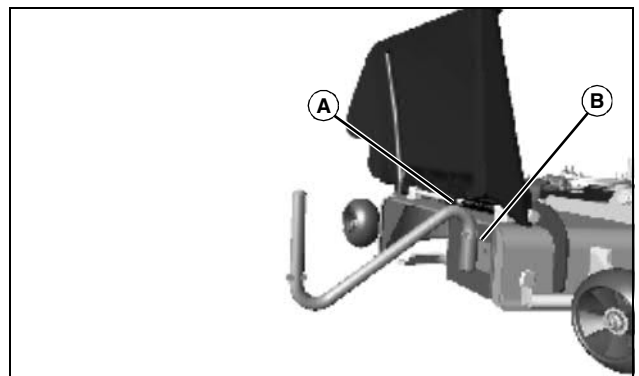
**CAUTION: Avoid injury! Exhaust area is hot. Make sure exhaust deflector is installed at rear of machine before installing rear bagger grass bags.**



MX12480

1. Install grass bags to hopper frame by inserting clip (A) into hole (B) in center frame bag support.

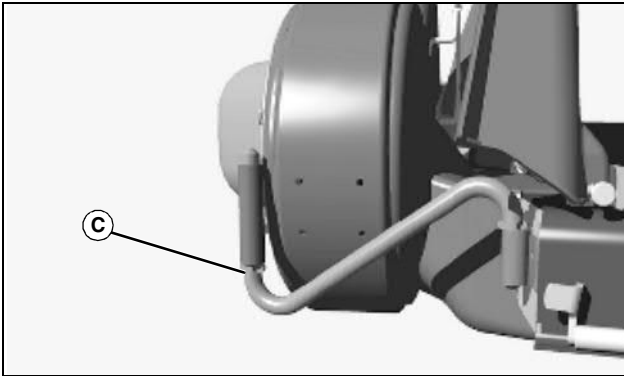
## Installing POWER FLOW



MX12482

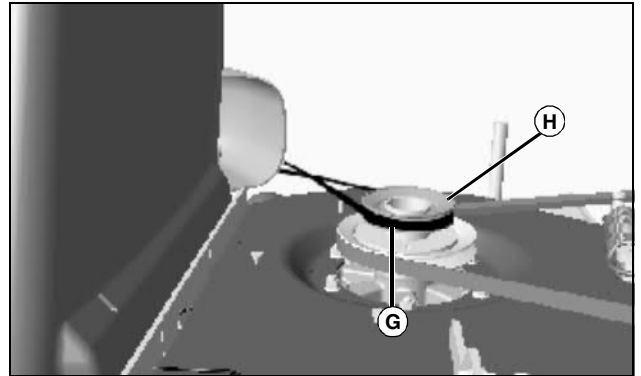
1. Install short end (A) of long front support rod in front mounting bracket (B).

# INSTALLING



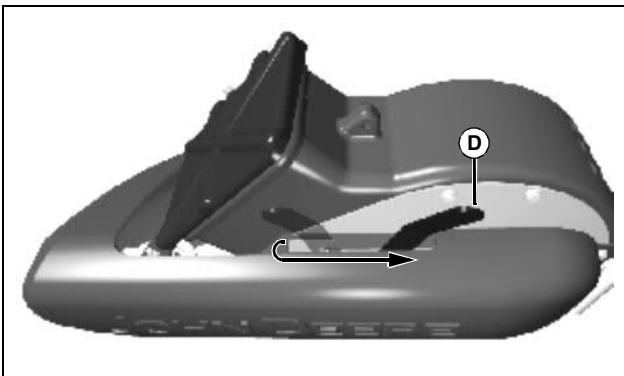
MX12487

2. Install POWER FLOW on long end (C) of front support rod.



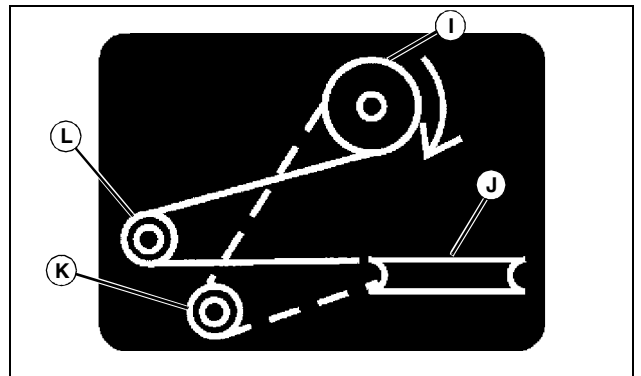
MX12495

6. Install drive belt (G) to top sheave (H) with belt "V" in groove.



MX10018

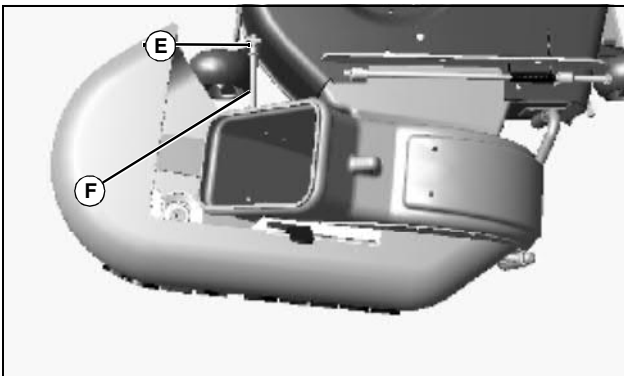
3. Move tension lever (D) to release position.



M146337

7. Verify correct drive belt installation. The drive belt must run:

- from mower deck top sheave (I),
- to idler (L),
- to top of sheave (J),
- to V-idler sheave (K),
- back to mower deck top sheave (I).

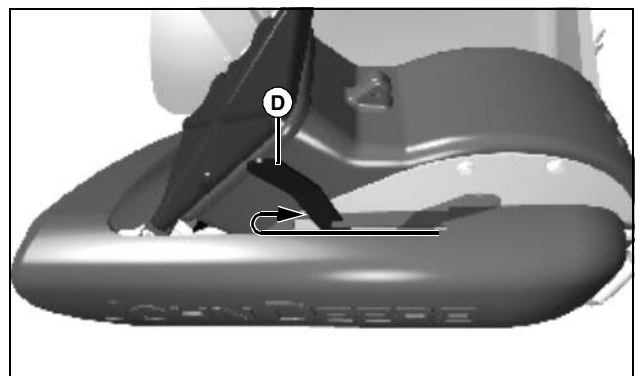


MX12476

**Picture Note: Parts removed for clarity.**

4. Fully raise mower deck discharge chute, and pivot POWER FLOW toward deck. Insert pin (E) into hole (F) in right rear gage bracket.

5. Hold POWER FLOW securely against mower deck discharge area.



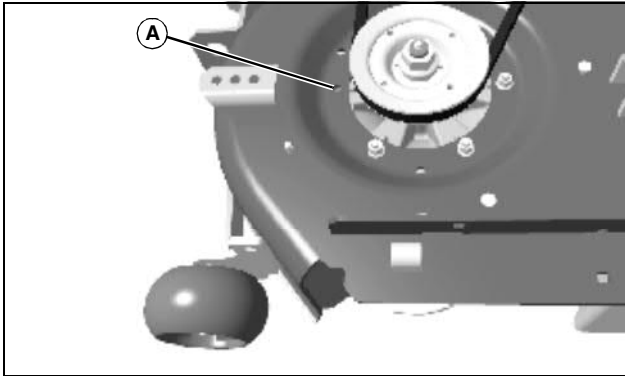
MX10023

8. Move tension lever (D) to lock position.

# INSTALLING

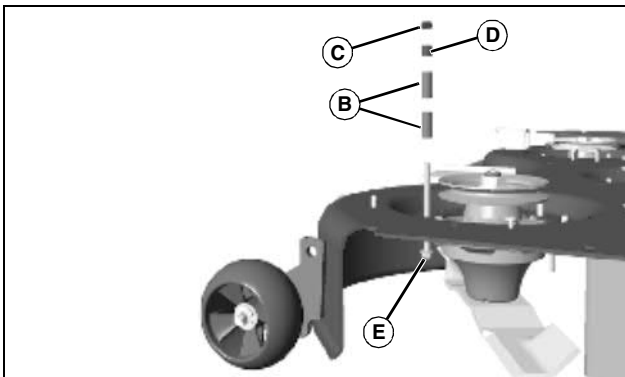
## Installing Blower Belt Shield (Models 717 and 727 with 48 in. deck)

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



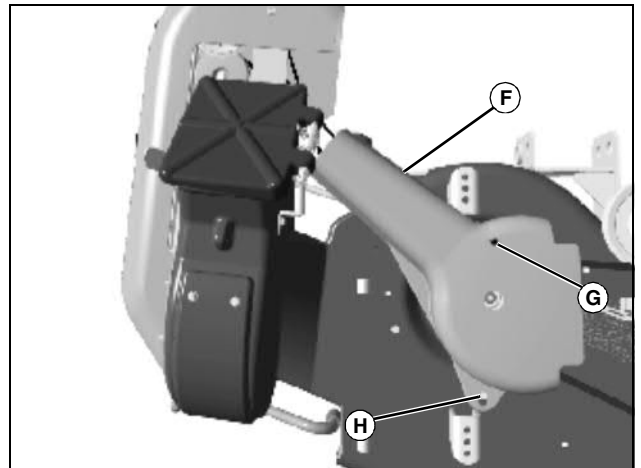
MX15656

1. Remove the spindle mounting bolt from location (A). Retain bolt for use if POWER FLOW and rear bagger are removed.



MX15657

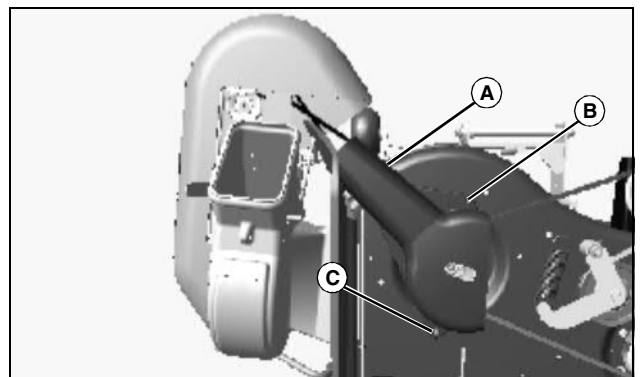
2. Insert long spindle mounting bolt (E) up through spindle and deck.
3. Install spacers (B and D) on spindle mounting bolt.
4. Secure spindle mounting bolt with nut (C).



MX15653

5. Install blower belt shield (F) on head pin (H).
6. Secure blower belt shield with a nut (G) installed on the spindle mounting bolt.

## Installing Blower Belt Shield (All Models 737 and 757, Models 717 and 727 with 54 in. deck)



MX12494

1. Install blower belt shield (A) on head pin (C) and drilled stud (B).
2. Secure blower belt shield by inserting a spring locking pin through drilled stud.

## Installing POWER FLOW Chute

1. Install POWER FLOW assembly on mower deck.



**Suggest:**

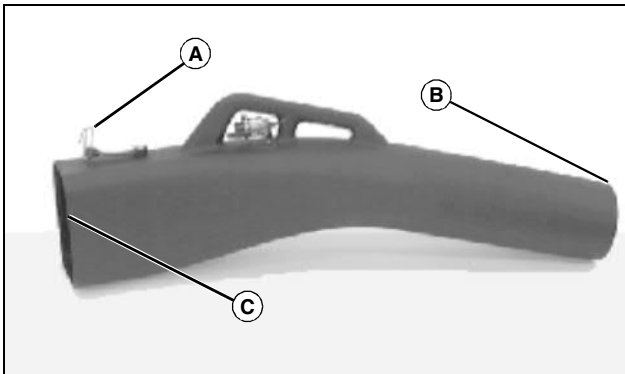
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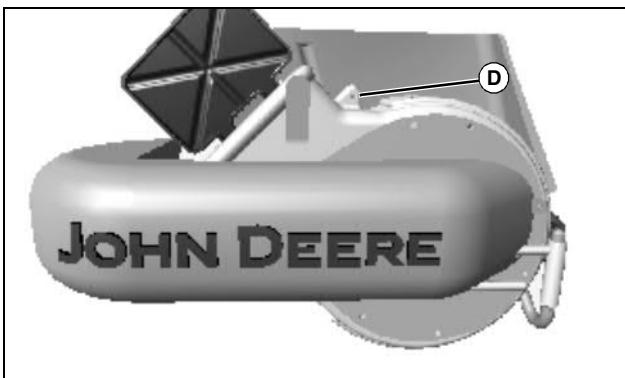
# INSTALLING

**NOTE:** If installing the chute on models 717 or 727, it may be necessary to trim the round end of the chute in order for it to properly fit into the upper chute.



MX12479

2. Insert round end (B) of POWER FLOW chute into upper chute at hopper assembly.
3. Hold open exhaust door on POWER FLOW. Slide square end (C) of POWER FLOW chute over blower outlet.



4. Secure strap hook (A) through hole (D) on POWER FLOW.

## Adjusting Mower Deck

**IMPORTANT: Avoid damage! Adjust mower deck right-hand wheels after each installation to provide adequate support for the POWER FLOW while traveling over the mowing area.**

1. Adjust cutting height and level mower deck side-to-side and front-to-rear as described in the machine operator's manual.
2. Lower mower deck to pre-set cutting height.
3. Adjust both right-hand mower deck wheels to one position lower than they were positioned when leveling mower deck.

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