

JOHN DEERE
WORLDWIDE COMMERCIAL & CONSUMER
EQUIPMENT DIVISION

Blower Assembly
48 QT

OMM143197 A1

OPERATOR'S MANUAL



North American Version
Litho in U.S.A.



S E L F



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INTRODUCTION

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 John Deere 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

Record Identification Numbers

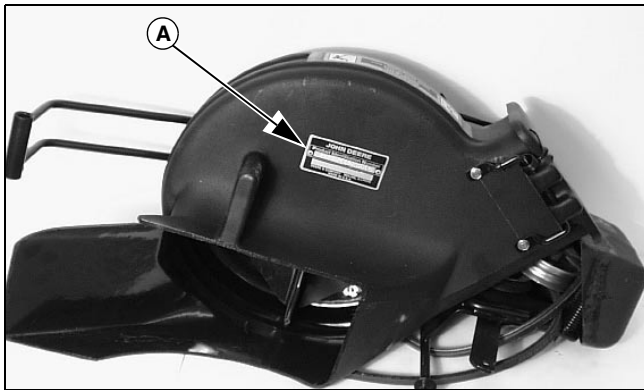
48QT Blower Assembly

Serial No. (010001-)

NOTE: This Blower Assembly is designed to fit the 48C mower decks.

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 model and serial number for the blower assembly and record the information in the spaces provided below.



M97585

DATE OF PURCHASE:

DEALER NAME:

DEALER PHONE:

PRODUCT SERIAL NUMBER (A):

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Consumer Equipment Division
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OMM143197 A1 - English

SAFETY

Understanding The Machine Safety Labels



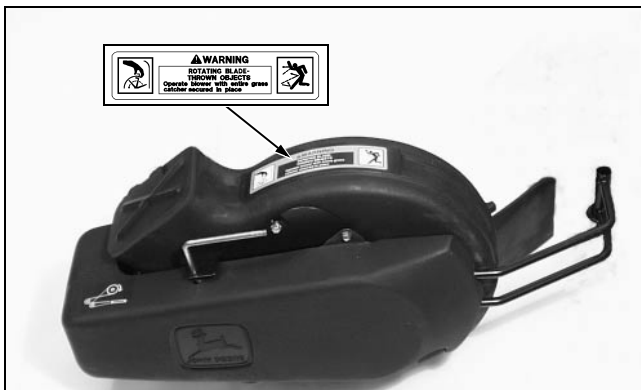
MIF

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.

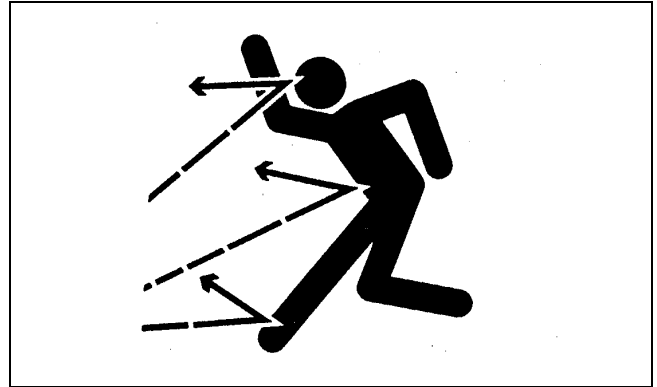
WARNING: Rotating Blade-Thrown Objects



M97581

Operate blower with entire grass catcher secured in place.

Operate Safely



M41423

- 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. Be sure guards and shields are in good condition and fastened in place. Make any necessary adjustments before you operate
- Clear work area of objects that might be thrown. Keep people, especially children, and pets out of the work area. Stop machine if anyone enters the area
- If you hit an object, stop the machine and inspect it. Make repairs before you operate. Keep machine properly maintained and in good working order. Keep all shields and guards in place.
- 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 machine.
- DO NOT wear radio or music headphones while operating the machine. Safe operation requires your full attention.
- DO NOT operate machine if you are under the influence of drugs or alcohol.
- Study mowing area. Set up safe mowing pattern. Do not mow under conditions where traction or stability is doubtful.
- First, test drive area with PTO OFF and mower lowered. Slow down when you travel over rough ground.

SAFETY

Avoid Injury From Rotating Blades



M94170

- 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.

Practice Safe Maintenance



MIF

- Understand service procedure before doing work. Keep area clean and dry.
- Never lubricate, service, or adjust machine while it is moving. Keep safety devices in place and in working condition. Keep hardware tight.
- To prevent them from getting caught, keep hands, feet, clothing, jewelry, and long hair away from any moving parts.
- Before servicing machine, lower it to the ground. Disengage all power and stop the vehicle engine. Move hydraulic lift levers back and forth to relieve pressure. Lock vehicle park brake and remove the key. Let engine cool.
- Securely support any machine elements that must be raised for service work.
- Never run vehicle engine unless park brake is locked.

- Keep all parts in good condition and properly installed. Fix damage immediately. Replace worn or broken parts. Remove any buildup of grease, oil, or debris.
- Unauthorized modifications to the machine may impair its function and safety.

Wear Appropriate Clothing



MIF

- Wear close fitting clothing and safety equipment appropriate for the job.
- Loud noise can cause impairment or loss of hearing, wear a suitable protective device such as earplugs.
- Do not wear radio or music headphones while servicing the machine. Safe servicing requires your full attention.

PREPARING MACHINE

Remove Mulch Kit



CAUTION: Avoid injury! Mower blades may be sharp. When you handle blades, wear gloves or wrap a thick rag around blade(s).

The mulch kit is not compatible with the installation of the blower assembly. If a mulch kit is installed on your mower, you must remove the mulch plug, attaching hardware and mulching blades. See the installation instructions shipped with your mulch kit.

Install 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 tractor Operator's Manual when changing mower blades.

For maximum performance from your blower assembly, install the correct mower blades for your application:

- **Mulching Blades** - NOT for use with blower assembly.
- **Standard Blades** - Standard blades are designed for bagging, side discharging, and all mowing conditions.

Adjust Mower Deck

After the material collection system is completely installed, adjust cutting height and mower level side-to-side and front-to-rear as described in the tractor Operator's Manual. Then level the blower assembly. See Leveling Blower Assembly in the INSTALLING section.

Install 48C Baffle Kit

NOTE: Power flow brackets should be installed before this baffle.

Prepare Mower Deck

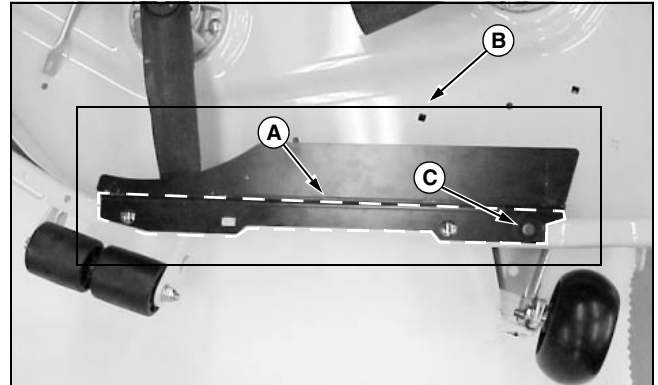
1. Remove Power Flow and mower deck from tractor as instructed in your Operator's Manual.



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

2. Turn mower deck over and clean underside of mower deck.

NOTE: If mower deck is equipped with a *European Baffle Kit (A-dotted line)* or *Leaf Blowout Kit (B-solid line)*, it may be necessary to drill an additional hole in order to attach the wire form support to the mower deck.



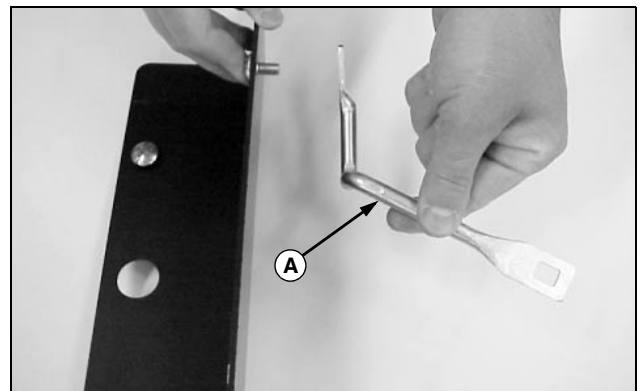
3. Check baffle (A) or plate (B) for hole at (C).

- If hole is present, continue with Installation procedure.
- If hole is not present, mark hole location on underside of plate/baffle using existing hole in deck lip as a template.

Remove baffle/plate and drill one 9 mm (3/8 inch) hole at the mark. File off any burrs.

DO NOT install baffle/plate back onto deck lip at this time.

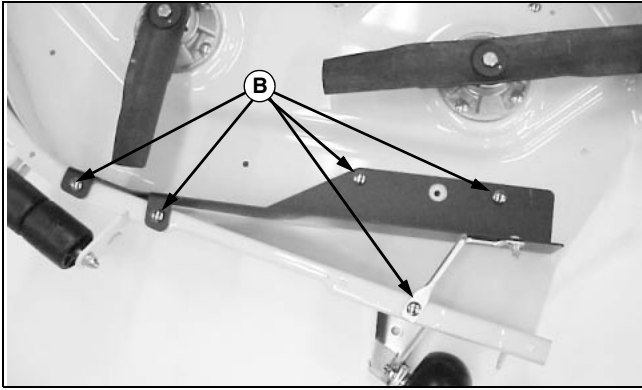
Installation



1. Install short leg of wire form (A) on baffle with one M8x20 bolt and M8 lock nut. DO NOT tighten hardware at

PREPARING MACHINE

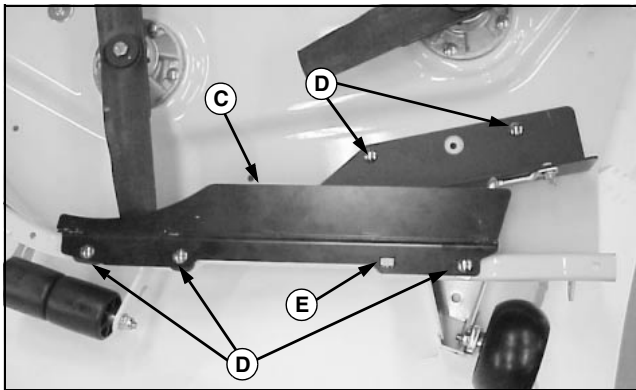
this time.



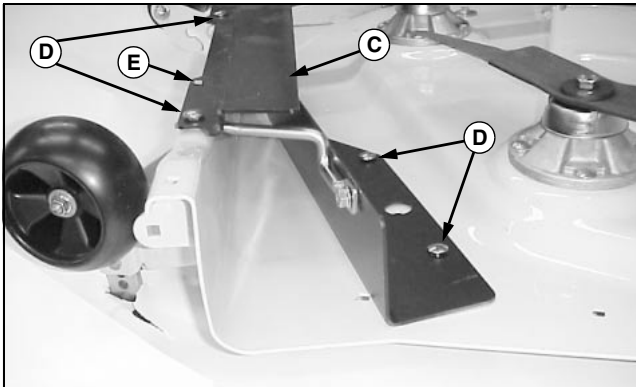
MX4535

2. Position baffle on mower deck, aligning holes in baffle and wire form with existing holes on mower deck.

- If European baffle kit or leaf blowout kit is NOT being installed, fasten baffle using five M8x20 bolts (B) and M8 lock nuts.



MX4539



MX4540

- If European baffle kit or leaf blowout kit was originally installed, position original baffle/plate over new baffle and fasten using five new M8x20 bolts (B) and M8 lock nuts.

NOTE: When using the 48QT Power Flow, Anti-Blowout Plate (F) included with power flow MUST BE INSTALLED. Make sure bracket has not been bent.



3. Install mower deck.

4. Adjust front-to-rear and side-to-side mower level per Operator's Manual instructions.

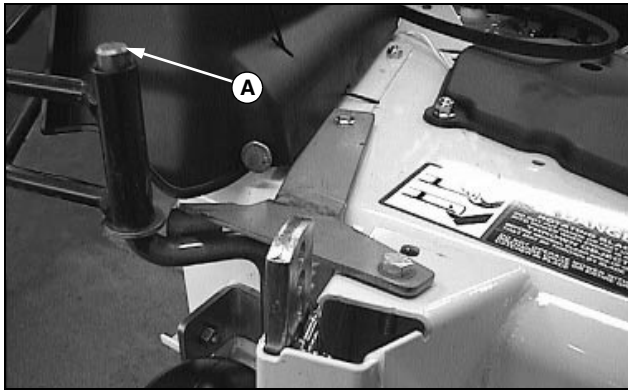
5. Install power flow.

INSTALLING

Park Vehicle Safely

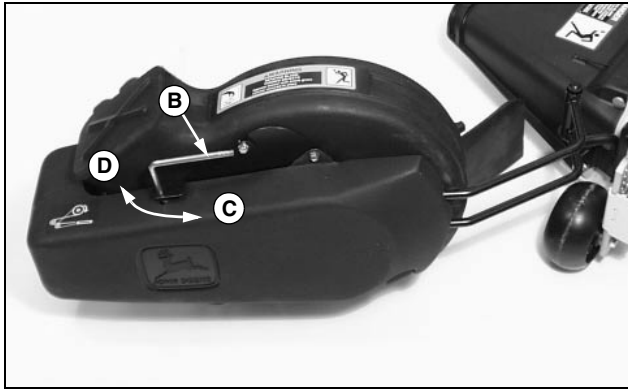
- Stop vehicle on a level surface, not a slope.
- Disengage PTO.
- Engage park brake.
- Stop the engine.
- Remove the key.
- Before you leave the operator's seat, wait for engine and all moving parts to STOP.

Installing Blower Assembly



M97639

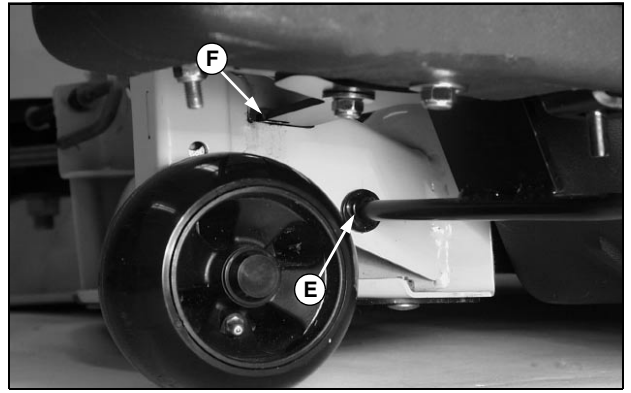
1. Install blower assembly on mounting bracket pin (A).



M94163a

2. Check position of locking handle (B). Move handle to unlocked position (C).

- (C) - unlocked position
- (D) - locked position

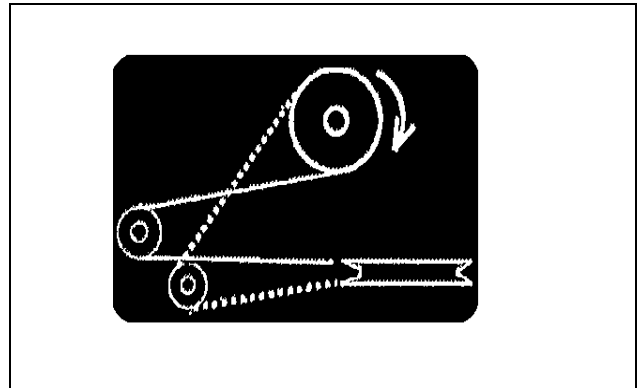


M97588

3. Lift discharge chute and swing blower assembly into mower deck discharge area.

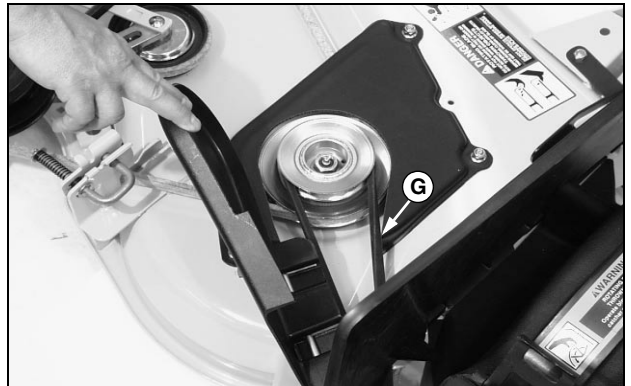
NOTE: It may be necessary to loosen front hardware attaching blower to the deck before inserting support rod.

4. Insert support rod (E) into hole in gage wheel bracket and align attaching lever (F) into slot. Tighten front hardware.



M94151

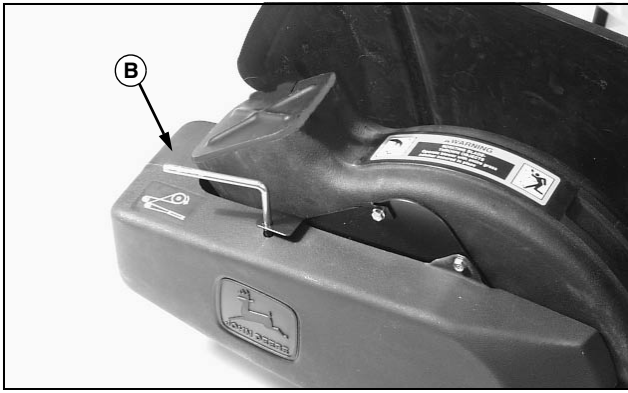
5. Locate belt routing label on belt shield.



M94169

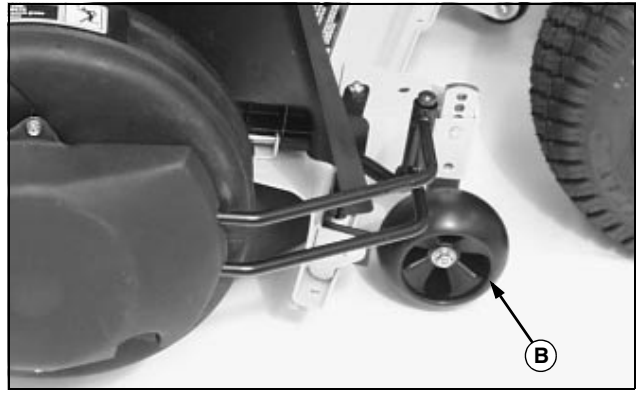
6. Attach blower assembly drive belt (G) to double sheave. For proper fan rotation, the drive belt must be attached as shown on the belt routing label.

INSTALLING



M94165a

7. Move locking handle (B) to the locked position as shown. This will put the proper tension on drive belt (G) and lock the attaching lever in the gage wheel bracket.



M94176

4. Adjust RIGHT SIDE front gage wheel (B) to the same adjustment hole setting as rear gage wheel (A).

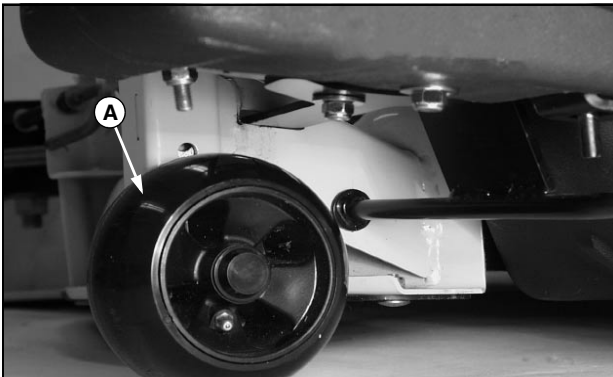
5. Verify both gage wheels (A) and (B) roll on the ground and the blower assembly appears level.

Leveling Blower Assembly

IMPORTANT: Avoid damage! Level the blower assembly after each installation to prevent scuffing and to provide adequate support for the unit 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 tractor Operator's Manual.

2. Lower mower deck to cutting position.



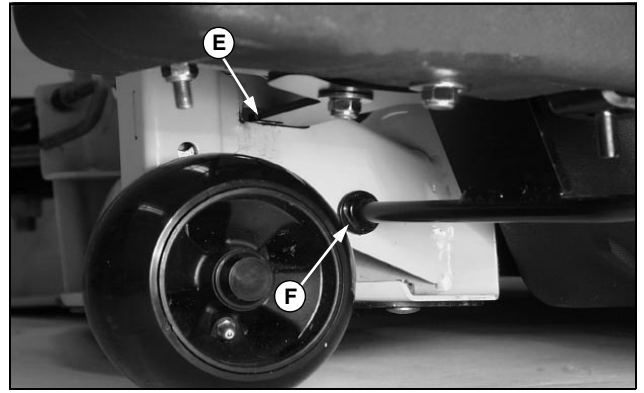
M97588a

3. Adjust RIGHT SIDE rear gage wheel (A) to roll on the ground.

REMOVING

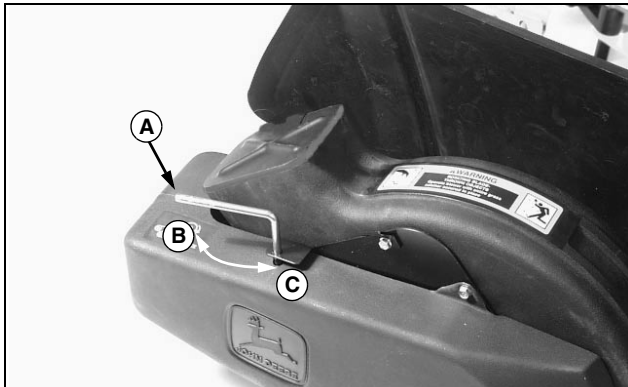
Park Vehicle Safely

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



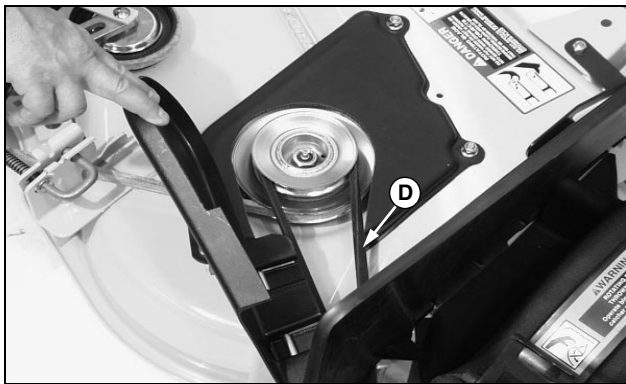
M97588

Removing Blower Assembly



M94165A

1. Move locking handle (A) to the unlocked position.
 - B - locked position
 - C - unlocked position



M94169

2. Disconnect blower assembly drive belt (D) from double sheave.

3. Swing blower assembly outward to disengage attaching lever (E) and support rod (F) from gage wheel bracket.



M94163A

4. Lift blower assembly off of mounting bracket pin (G).

OPERATING

Using the Blower Assembly

Starting Blower Assembly

Whenever the tractor PTO (Power Take Off) is engaged to start the mower deck, the blower assembly will automatically start. (See your tractor operator's manual for PTO operating instructions.)

Stopping Blower Assembly

Whenever the tractor PTO is disengaged to stop the mower deck, the blower assembly will automatically stop.

Checking for Plugging While Bagging



CAUTION: Avoid injury! To help prevent injury from mower blades, do not try to unplug discharge chute while engine is running. Shut off engine first.

Check the flow indicator on the Power Flow chute periodically for any indication of loss of air flow.

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

If grass builds up in front of mower deck discharge chute, check for plugged Power Flow chute or problems with the blower assembly.

Dismounting to Inspect or Unplug Material Collection System



CAUTION: Avoid injury! To help prevent personal injury, follow the steps listed below before you dismount to inspect or unplug any part of the material collection system.

Before your dismount to inspect or unplug any part of the material collection system, perform the following steps:

- STOP vehicle.
- LOCK park brake.
- DISENGAGE mower. Push PTO switch lever down OR pull lever to rear.
- Move throttle lever to rear to SLOW position.
- STOP engine. Remove key.
- Wait for all moving parts to stop.

REPLACEMENT PARTS

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.

Part numbers may change, use part numbers listed below when you order. If a number changes, your dealer will have the latest number.

When you order parts, your John Deere dealer needs your machine serial number and engine serial number. These are the numbers that you recorded in the Product Identification section of this manual.

Part Numbers

Item	Part Number
Blower Assembly Drive Belt	M138974
Mower Blades - Standard	M127500

(Part numbers are subject to change without notice. Part Numbers may be different outside the U.S.A.)

SERVICE

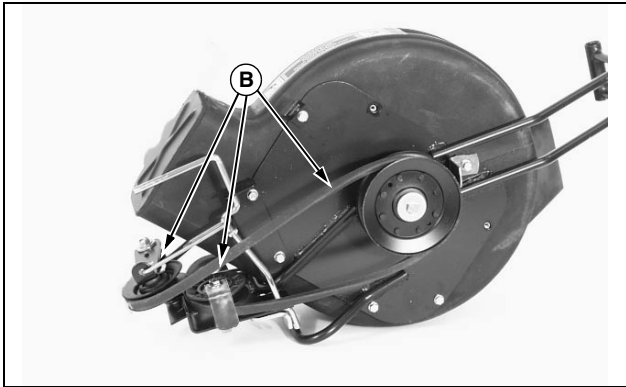
Removing Blower Assembly Belt

1. Remove blower assembly from mower deck. See Removing Blower Assembly in the REMOVING section.



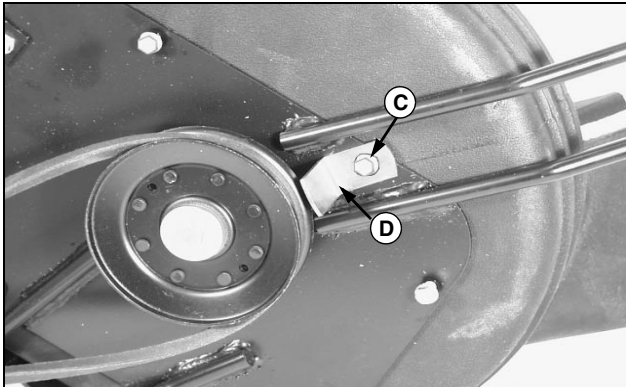
M97581

2. Remove attaching hardware and belt shield (A).



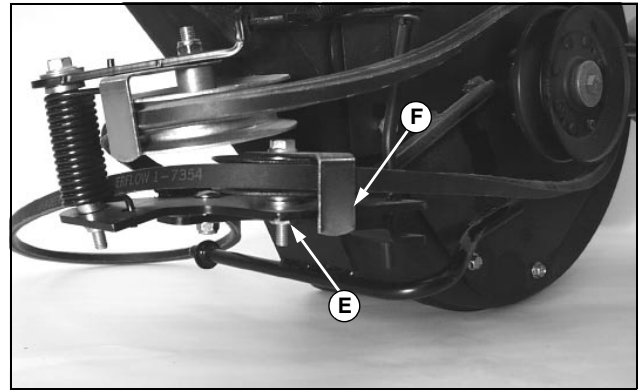
M94172A

3. Remove all grass accumulation from around idlers (B) and the drive belt.



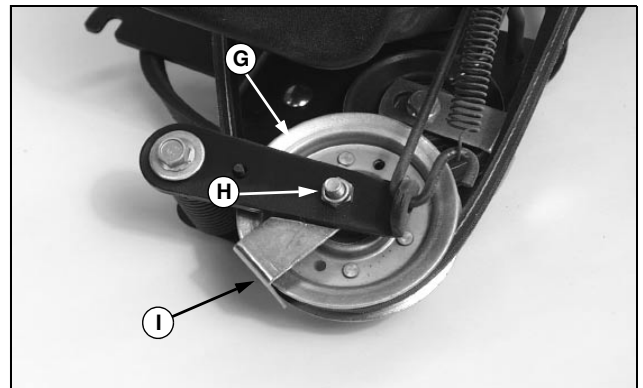
M94172

4. Loosen cap screw (C) just enough to move belt guide (D) away from sheave to provide clearance for belt removal.



M97589

5. Loosen lower idler nut (E) just enough to move belt guide (F) away from idler to provide clearance for belt removal.

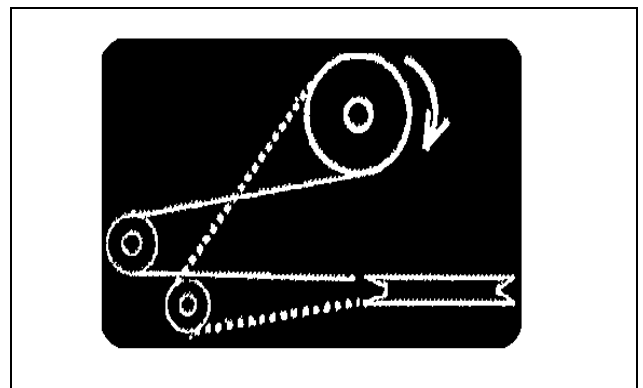


M97590

6. Loosen upper idler nut (H) just enough to move belt guide (I) away from upper idler to provide clearance for belt removal.

7. Remove belt from idlers and inspect it for wear and cracks.

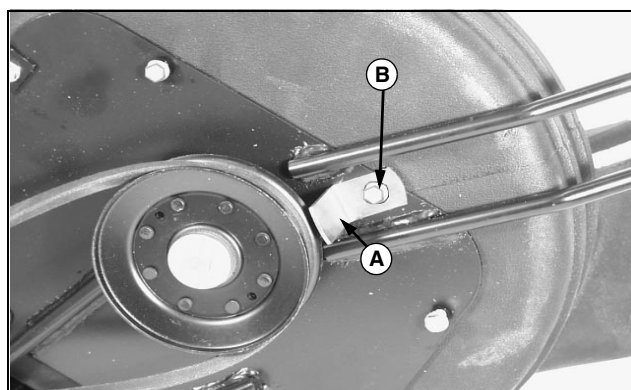
Installing Blower Assembly Belt



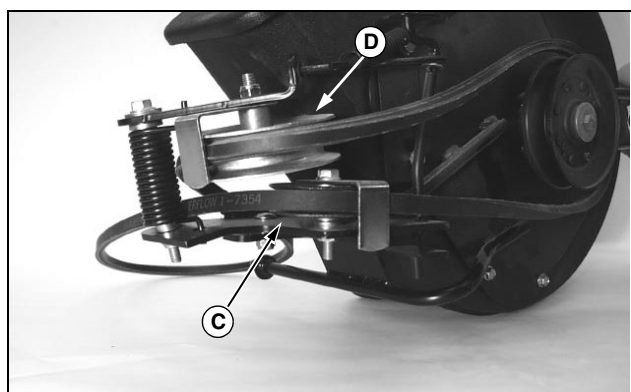
M94151

SERVICE

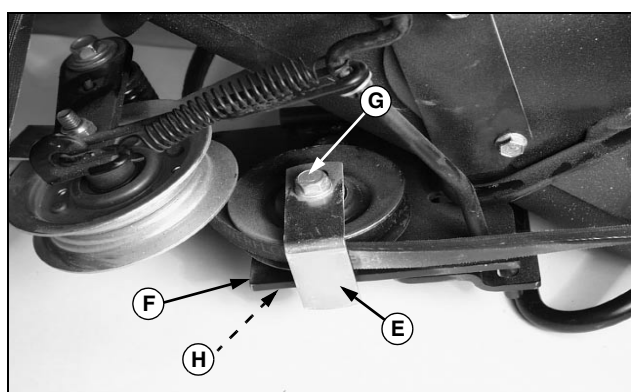
NOTE: Locate belt routing diagram on blower assembly belt shield. This diagram illustrates proper belt installation. If belt is not installed correctly, it is possible that blower assembly fan will rotate backwards.



1. Install belt on sheave and position belt guide (A) 3 mm (1/8 in.) away from outer edge of sheave. Then tighten cap screw (B) completely.

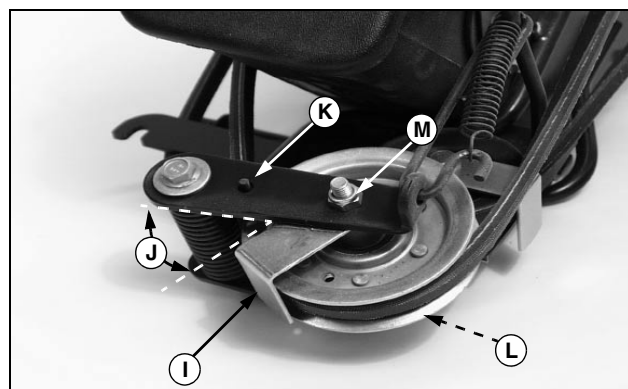


2. Route belt through lower idler (C) and upper idler (D).



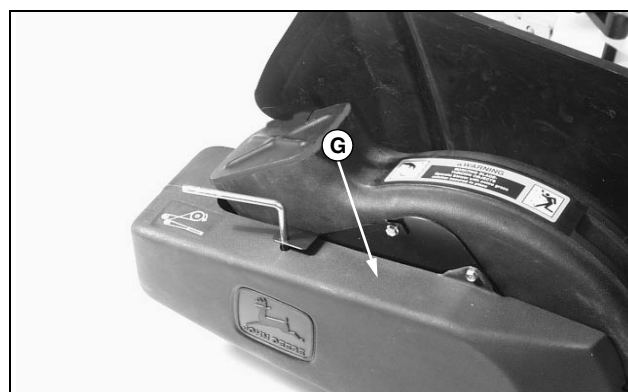
3. Align belt guide (E) at lower idler so it is parallel with the edge of mounting plate (F) as shown. Adjust clearance between belt guide and outer edge of idler to 3 mm (1/8 in.). Hold bolt head (G) with wrench and tighten nut (H)

completely.



4. Align belt guide (I) at upper idler so it is at a 60° angle (J) to tension arm (K). Adjust clearance between belt guide and outer edge of idler to 3 mm (1/8 in.). Hold bolt head (L) with wrench and tighten nut (M) completely.

5. With belt shield removed, install blower assembly on mower deck. See Installing Blower Assembly in the INSTALLING section. Make sure all belt guides DO NOT contact drive belt or idlers when belt is installed on mower deck double sheave.



6. Install belt shield (G) and secure with attaching hardware.

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
Blower Assembly Will Not Turn On	• Worn or broken belt.
Blower Assembly Plugs	• Ground speed is too fast for grass conditions. • Locking handle not fully engaged. • Worn Blower Assembly belt. • Blower Assembly drive belt installed incorrectly. • Using incorrect mower blades.
Blower Assembly Performance is poor.	• Ground speed is too fast for grass conditions. • Locking handle not fully engaged. • Worn Blower Assembly belt. • Using incorrect mower blades.

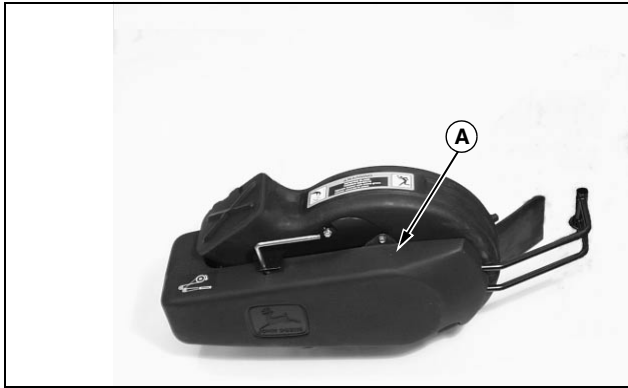
STORAGE

Storing Blower Assembly Safely

1. Remove blower assembly from mower deck. See Removing Blower Assembly in the REMOVING section.

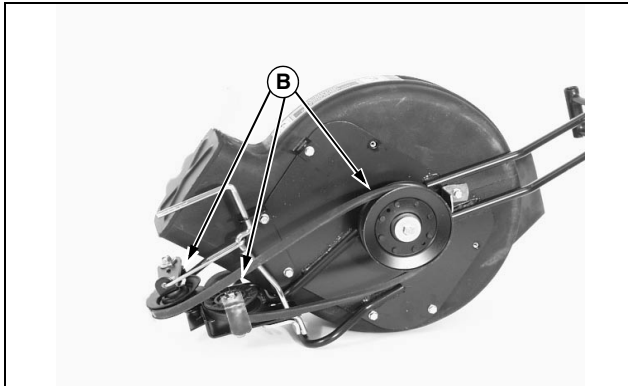
IMPORTANT: Avoid damage! Grass build up will affect operation of the blower assembly. Any grass build up left will be difficult to clean out if allowed to dry out.

2. Clean the exterior of the blower assembly.



M97581

3. Remove attaching hardware and belt shield (A).

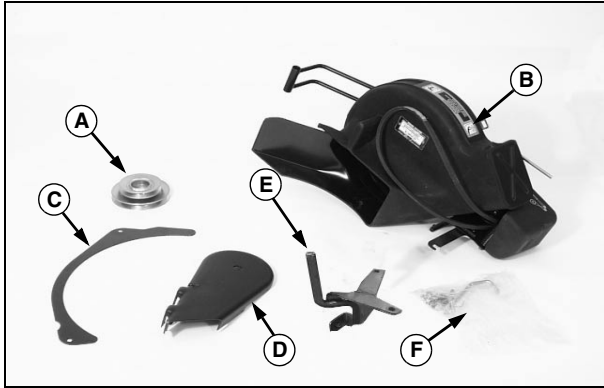


M94172a

4. Remove all grass accumulation from around idlers (B) and the drive belt.
5. Remove and inspect drive belt. Replace belt if necessary. See Removing Blower Assembly Belt in the SERVICE section.
6. Install drive belt and make sure all belt guides are properly adjusted before installing the belt shield. See Installing Blower Assembly Belt in the SERVICE section.
7. Store blower assembly in a dry area.

ASSEMBLY

Identify Parts



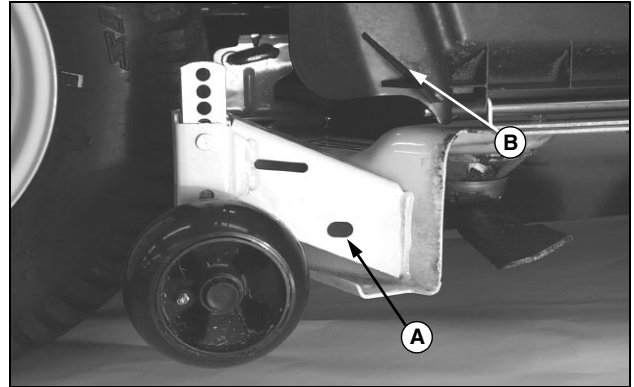
M94153a

- A - Double Sheave
- B - Blower Assembly
- C - Anti-Blowout Plate
- D - Belt Shield
- E - Mounting Bracket
- F - Bag of Parts

Bag of Parts

Qty.Used	Part Description	Size
2	Carriage Bolt	M8 x 20
3	Carriage Bolt	M8 x 16
1	Flange Bolt	M10 x 25
5	Lock Nuts	M8
1	Lock Nut	M10
1	Self Tapping Bolt	M8 x 16
1	Belt Shield Support	
1	Spring	

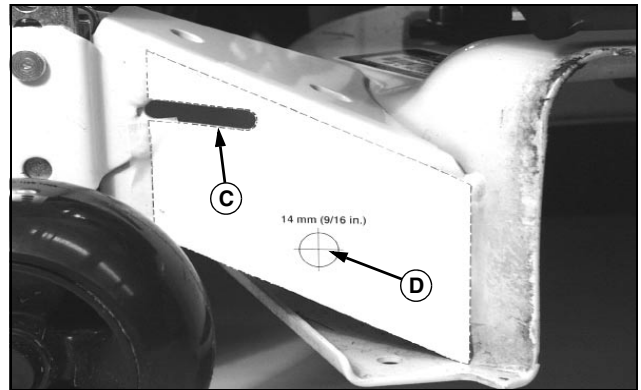
Drill Support Hole



M97593

NOTE: If a hole or slot already exists at location (A) in RIGHT SIDE rear gage wheel bracket, disregard this procedure.

1. Find the DRILL TEMPLATE at the end of this section. Remove the template by cutting carefully along the dotted lines.
2. Lift up discharge chute (B). Keep discharge chute raised by tying, taping, or strapping it in the up position.



M97594

3. Place template on RIGHT SIDE rear gage wheel bracket and align slot (C) in template with existing slot in bracket. Once aligned, tape template to bracket.

NOTE: To help ensure exact positioning of final hole, drill a starter hole using a smaller size drill bit.

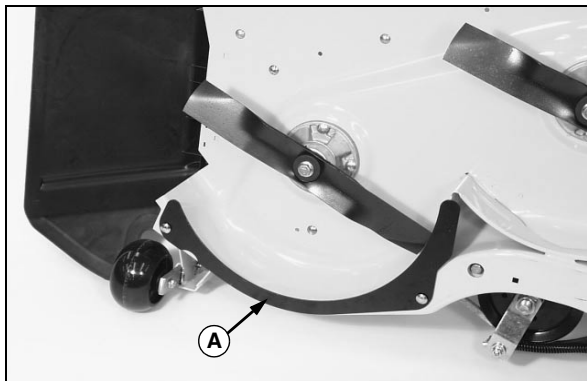
4. Mark center of hole (D) with steel punch. Drill final hole (D) through wheel bracket using drill bit size indicated on template.
5. Return the discharge chute to the down position.

Remove Mower Deck

Remove mower deck from tractor. If necessary, see tractor Operator's Manual for specific removal instructions.

ASSEMBLY

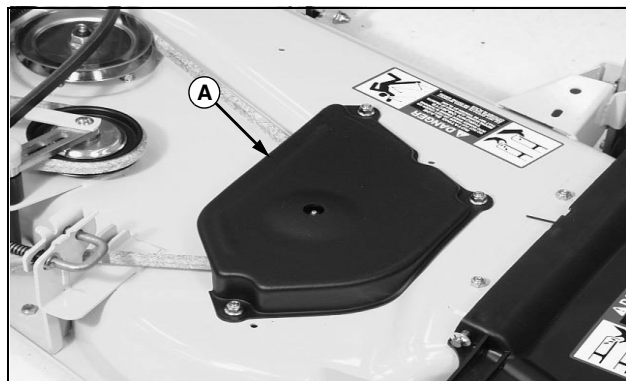
Install Anti-Blowout Plate



M94154

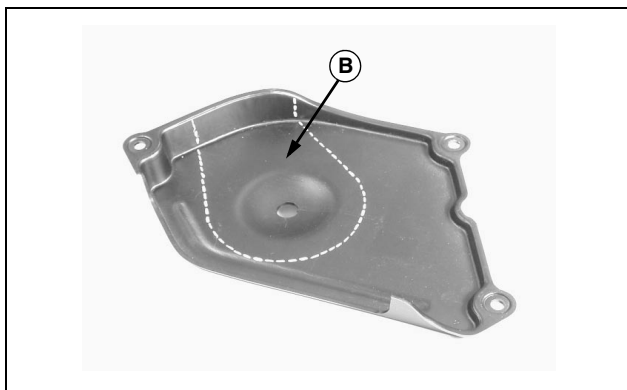
Attach anti-blowout plate (A) to the underside of mower deck using two M8 x 16 carriage bolts and M8 lock nuts. Install hardware with lock nuts on top side of mower deck.

Remove and Cut Belt Shield



M94155

1. Remove three lock nuts and belt shield (A).

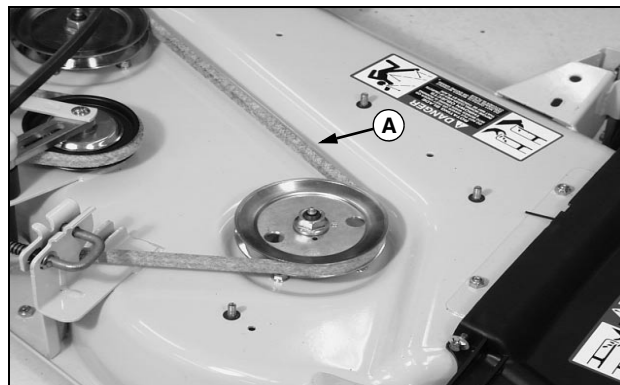


M94161

2. Turn belt shield over and locate embossed cutout line.
3. Using the embossed cutout line as a guide, cut out center portion (B) from belt shield.

Install Double Sheave

NOTE: Remove drive belt from sheave. If necessary, see tractor Operator's Manual for specific belt removal and installation instructions.

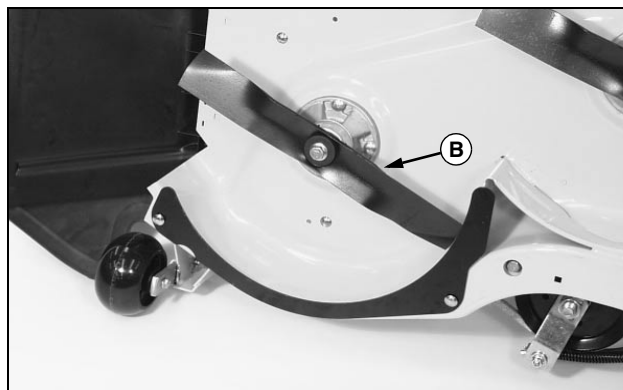


M94156

1. Remove drive belt (A) from sheave.



CAUTION: Avoid injury! Mower deck and blades have sharp edges. Wear gloves or wrap cloth around sharp edges to prevent injury.

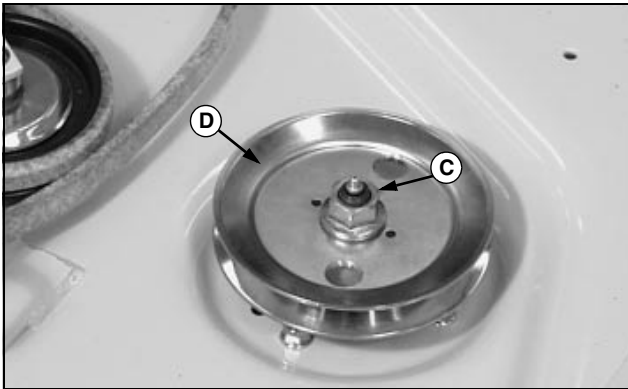


M94154

2. Place a block of wood between blade and deck to prevent blade from turning.

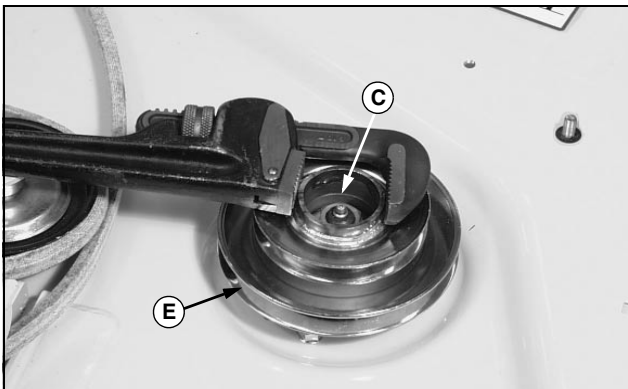
ASSEMBLY

NOTE: After sheave nut (C) is removed, the entire blade and spindle shaft assembly is free to fall out.



M94157

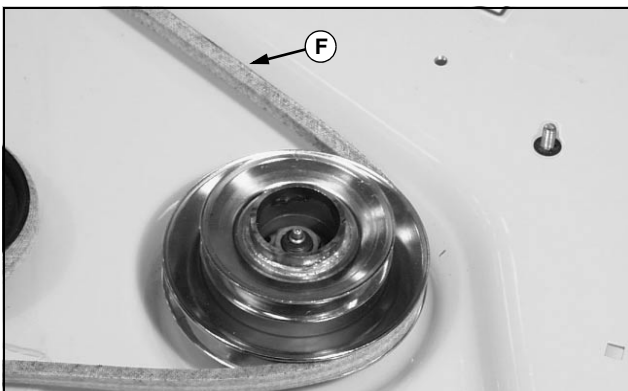
3. With blade (B) held stationary against wood block, remove nut (C) and sheave (D).



M94158a

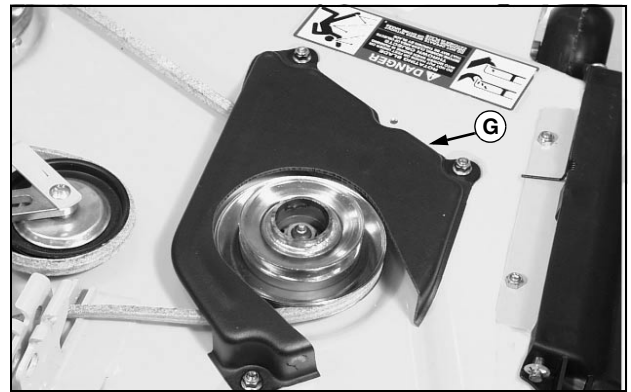
4. Align teeth on double sheave (E) with splines on spindle shaft.

5. Prevent sheave from turning by holding it with a pipe wrench. Install and tighten nut (C) to $145 \pm 14 \text{ N}\cdot\text{m}$ ($107 \pm 10 \text{ lb}\cdot\text{ft.}$).



M94159a

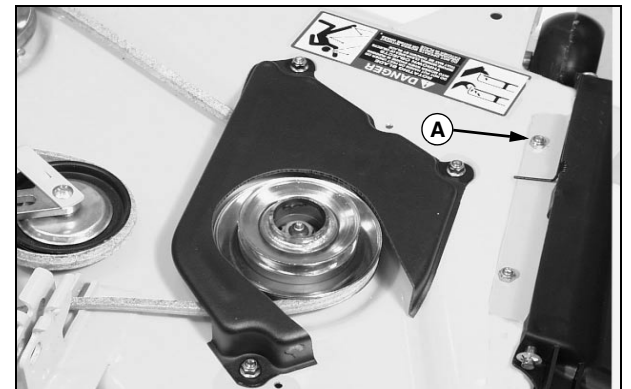
6. Install drive belt (F) in lower belt groove of double sheave.



M94160a

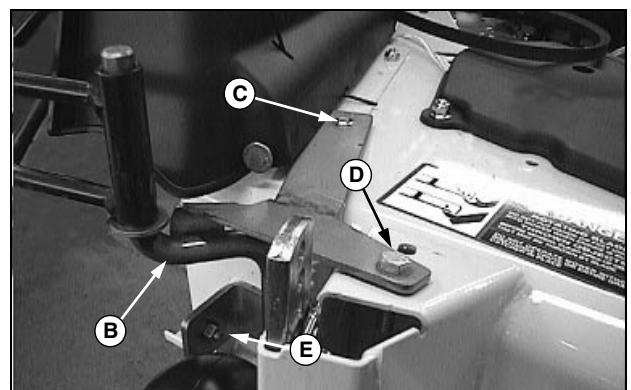
7. Install modified belt shield (G) and fasten with three lock nuts.

Install Mounting Bracket



M94160a

1. Remove carriage bolt and lock nut (A) from the discharge chute hinge assembly. Discard the carriage bolt and lock nut.



M97639

2. Install mounting bracket (B) using hardware (C), (D), and (E):

- (C) - M8 x 20 carriage bolt and M8 lock nut.

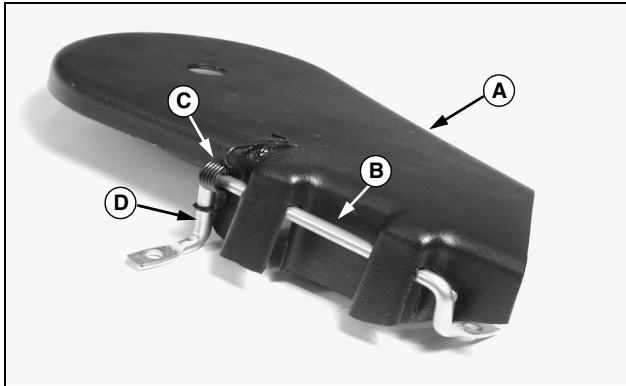
ASSEMBLY

- (D) - M10 x 25 flange bolt and M10 lock nut.
- (E) - M8 x 16 carriage bolt and M8 lock nut.

Tighten hardware (C) and (D) first, then (E).

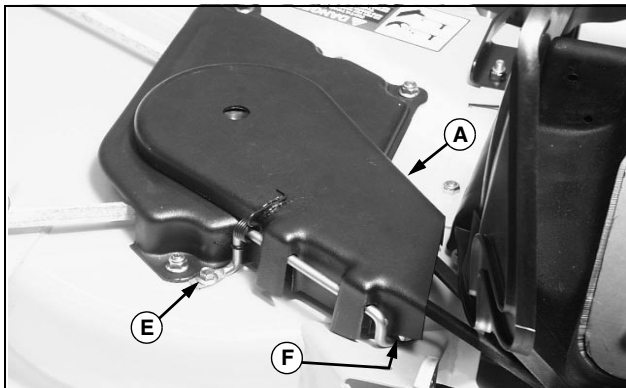
Assemble and Install Belt Shield

NOTE: Belt shield support (B) has one short leg and one long leg (D). Spring (C) is assembled on the long leg.



M94167

1. Assemble belt shield (A), belt shield support (B) and spring (C).



M94168

2. Secure belt shield (A) to mower deck with M8 x 16 self tapping bolt (E), M8 x 20 carriage bolt (F), and M8 lock nut.
3. Open and close belt shield. Check for proper operation of hinge spring and make sure shield does not contact belt.

Install Mower Deck

NOTE: Reference the **PREPARING MACHINE** section before installing the mower deck.

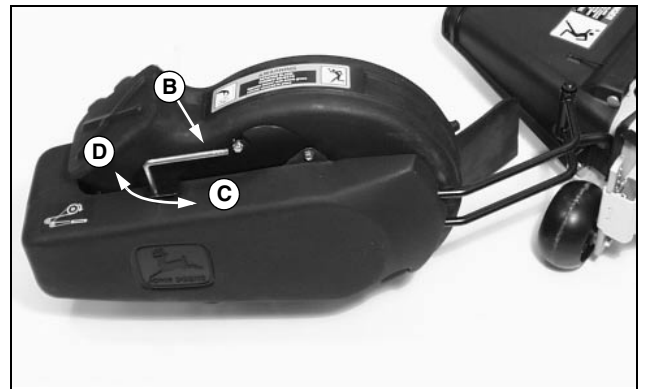
Install mower deck on tractor. If necessary, see tractor Operator's Manual for specific installation instructions.

Install Blower Assembly



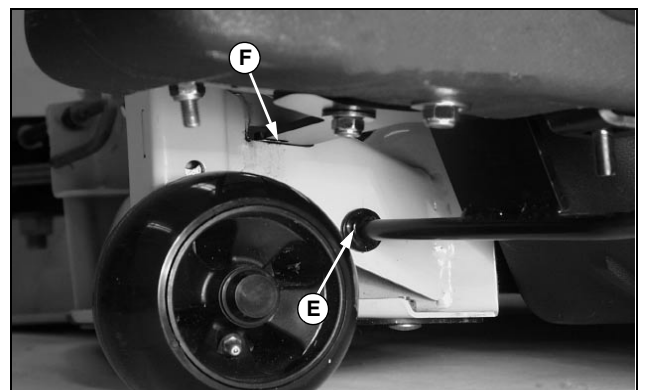
M94163a

1. Install blower assembly on mounting bracket pin (A).



M94163a

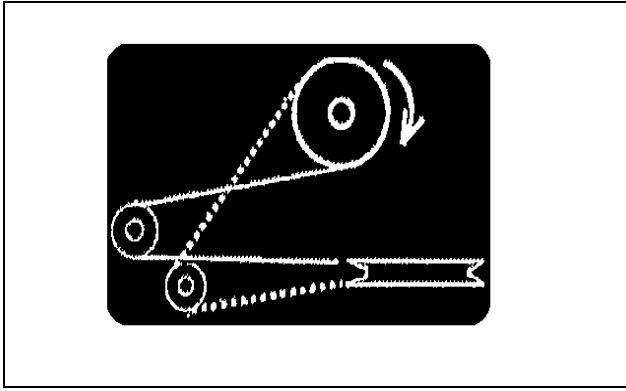
2. Check position of locking handle (B). Move handle to unlocked position (C).
 - (C) - unlocked position
 - (D) - locked position
3. Lift discharge chute and swing blower assembly into mower deck discharge area.



M97588

4. Insert support rod (E) into hole in gage wheel bracket and align attaching lever (F) into slot.

ASSEMBLY



M94151

Manual.

2. Lower mower deck to cutting position.



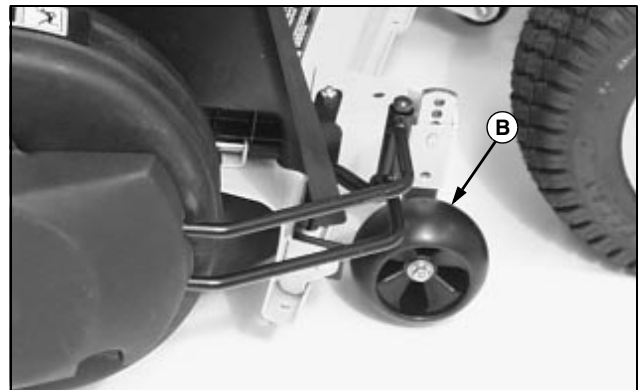
M97588a

3. Adjust RIGHT SIDE rear gage wheel (A) to roll on the ground.



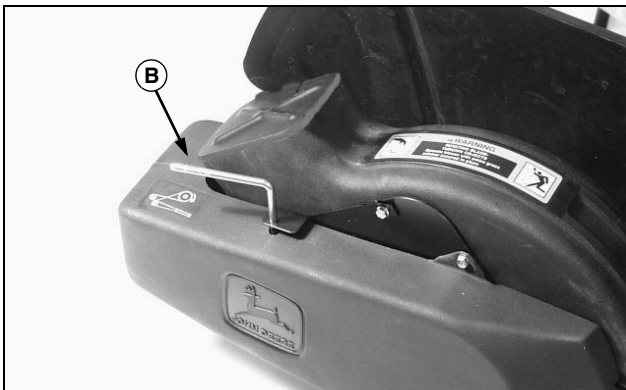
M94169

6. Attach blower assembly drive belt (G) to double sheave. For proper fan rotation, the drive belt must be attached as shown on the belt routing label.



M94176

4. Adjust RIGHT SIDE front gage wheel (B) to the same adjustment hole setting as rear gage wheel (A).
5. Verify both gage wheels (A) and (B) roll on the ground and the blower assembly appears level.



M94165a

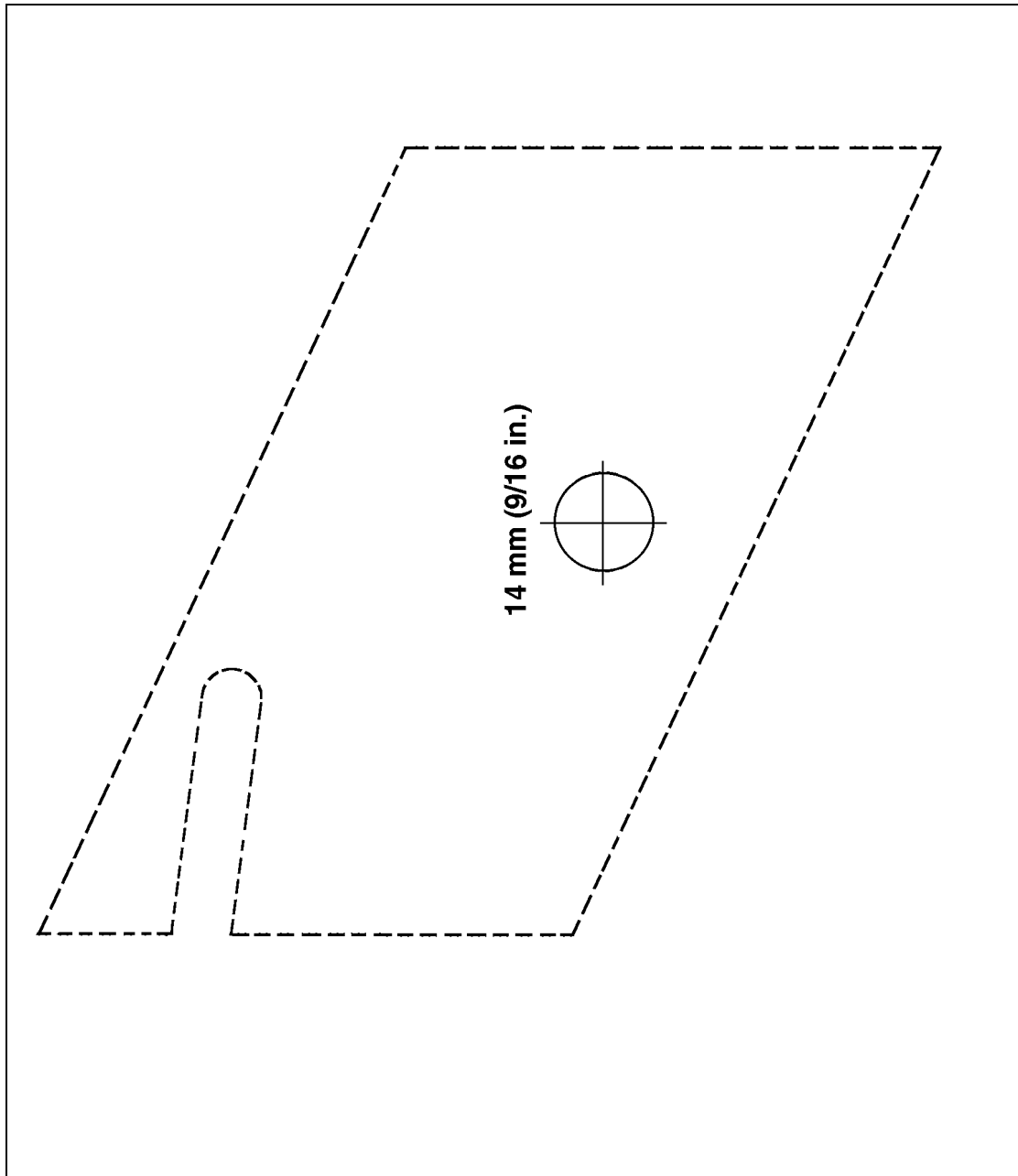
7. Move locking handle (B) to the locked position as shown. This will put the proper tension on drive belt (G) and lock the attaching lever in the gage wheel bracket.

Level Blower Assembly

1. Adjust cutting height and level mower deck side-to-side and front-to-rear as described in the tractor Operator's

ASSEMBLY

Drill Template



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JOHN DEERE QUALITY STATEMENT

John Deere Quality



John Deere equipment is more than just a purchase, it's an investment in quality. That quality goes beyond our equipment to your John Deere dealer's parts and service support. This support is needed to keep you a satisfied customer.

That's why John Deere has initiated a process to handle your questions or problems, should they arise. The following three steps will help guide you through the process.

Step 1

Refer to your operator's manual

- A. It has many illustrations and detailed information on the safe and proper operation of your equipment.
- B. It gives troubleshooting procedures, and specification information.
- C. It gives ordering information for parts catalogs, service and technical manuals.
- D. If your questions are not answered in the operator's manual, then go to Step 2.

Step 2

Contact your dealer (Call 1-800-537-8233 to locate your nearest John Deere dealer)

- A. Your John Deere dealer has the responsibility, authority, and ability to answer questions, resolve problems, and fulfill your parts and service needs.
- B. First, discuss your questions or problems with your dealer's trained parts and service staff.
- C. If the parts and service people are unable to resolve your problem, see the dealership manager or owner.
- D. If your questions or problems are not resolved by the dealer, then go to Step 3.

Step 3

Call the John Deere Customer Communications Center

- A. Your John Deere dealer is the most efficient source in addressing any concern, but if you are not able to resolve your problem after checking your operator's manual and contacting your dealer, call the Customer Communications Center.
- B. For prompt, effective service, please have the following ready before you call:
 - The name of the dealer with whom you've been working.
 - Your equipment model number.
 - Number of hours on machine (if applicable).
 - Your 13-digit serial number which you recorded on the inside front cover of this manual.
 - If the problem is with an attachment, your attachment identification number.
- C. Then call 1-800-537-8233 and our advisor will work with your dealer to investigate your concern.