

JOHN DEERE
WORLDWIDE COMMERCIAL & CONSUMER
EQUIPMENT DIVISION

Front Blade
60-Inch

OM8M148110 D3

OPERATOR'S MANUAL



JOHN DEERE

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North American Version
Litho in U.S.A.

INTRODUCTION

Introduction

Using Your Operator's Manual

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

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.

Specifications and design are subject to change without notice.

Product Identification

Product Compatibility

The 60-inch front blade is compatible with 1400 and 1500 series front mowers.

Record Purchase Information

Record your purchase information in spaces provided below.

DATE OF PURCHASE:

DEALER NAME:

DEALER PHONE:

SERIAL NUMBER:

Safety

Read the general safety operating precautions in your machine operator's manual for additional safety information.

Understanding The Safety-Alert Symbol



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



MX7239

JAMMED BLADE CAN RETURN SUDDENLY

- Control spring force before removing jam

Operate Safely

- Read, understand and follow all instructions in the manual and on the machine before starting.
- Only allow responsible adults, who are familiar with the instructions to operate the machine.
- 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.
- 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.
- Keep children and others away when you operate machine.
- Do not wear radio or music headphones while operating the machine. Safe operation requires your full attention.
- Look carefully behind front blade before you back up.
- To avoid injury from falling off front machine when blade hits an obstacle, raise blade when you are driving between jobs or when you are not moving snow or dirt.
- DO NOT operate front machine at high speed.
- Be alert for traffic when crossing or working near roadways.
- Lower blade to the ground before you work on blade.
- DO NOT operate equipment if you are under the influence of drugs or alcohol.

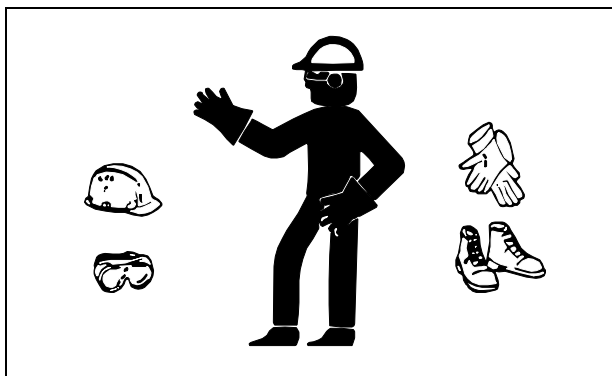
Parking Safely

1. Stop machine on a level surface, not on a slope.
2. Disengage Power Take-Off (PTO).

SAFETY

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.

Wear Appropriate Clothing



MIF

- Always wear safety glasses or eye shields during operation to protect eyes from foreign objects that may be thrown from the machine.
- Wear adequate outer garments and footwear that will improve footing on slippery surfaces.
- 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.

Avoid Injury From Hitting Obstructions

- Raise attachment when you drive between jobs.
- Slow down when you remove snow. Be cautious on slopes, when you make turns or when close to buildings or trees.

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.
- Keep hands, feet, clothing, jewelry, and long hair away from any moving

parts, to prevent them from getting caught.

- Lower attachments to the ground before servicing machine. Disengage all power and stop the engine. Lock park brake and remove the key. Let machine cool.
- Disconnect battery or remove spark plug wire before making any repairs.
- Before servicing the machine, carefully release pressure from any components with stored energy, such as hydraulic components.
- Keep all nuts and bolts tightened, especially blade attachment bolts.
- Securely support any machine elements that must be raised for service work.
- 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.
- To prevent fires, remove any buildup of grease, oil, or debris from the machine, especially the engine compartment.
- Charge batteries in an open, well-ventilated area, away from sparks. Unplug battery charger before connecting or disconnecting from the battery. Use insulated tools.
- Do not modify machine or safety devices. Unauthorized modifications may impair its function and safety.

Avoid High Pressure Fluids



MIF

- Hydraulic hoses and lines can fail due to physical damage, kinks, age, and exposure. Check hoses and lines regularly. Replace damaged hoses and lines.
- Hydraulic fluid connections can loosen due to physical damage and vibration. Check connections regularly. Tighten loose connections.
- Escaping fluid under pressure can penetrate the skin causing serious injury. Avoid the hazard by relieving pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure.
- Search for leaks with a piece of cardboard. Protect hands and body from high pressure fluids.
- If an accident occurs, see a doctor immediately. Any fluid injected into the skin must be surgically removed within a few hours or gangrene may result. Doctors unfamiliar with this type of injury should reference a knowledgeable medical source. Such information is available from Deere & Company Medical Department in Moline, Illinois, U.S.A. Information may be obtained in the United States and Canada only by calling 1-800-822-8262.

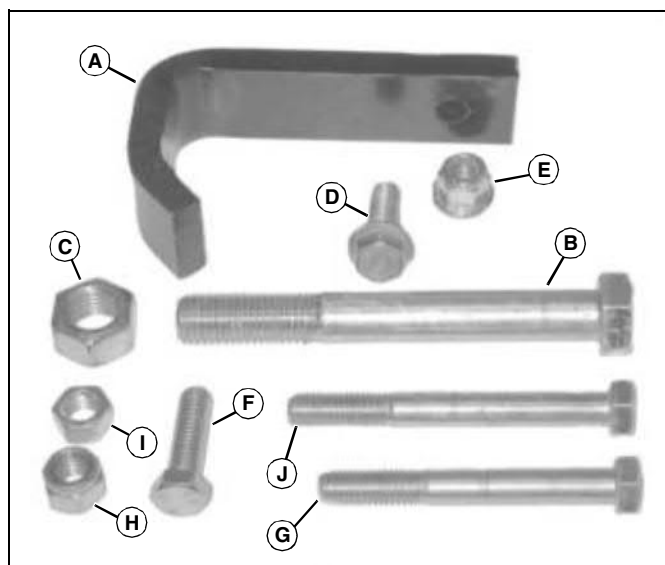
ASSEMBLY

Assembly

Identify Parts

Qty.	Description
1	Blade Assembly
1	Cylinder Assembly With Hoses
1	Pivot Frame Bracket

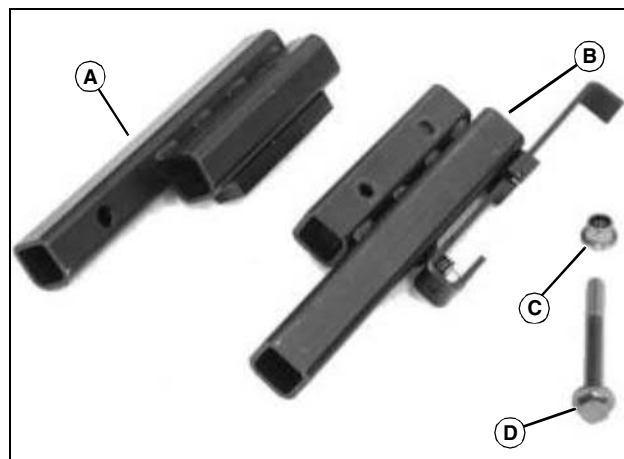
Bag of Parts



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Qty.	Description	Size
2	Skid Shoe (A)	
1	Hex Head Capscrew (B)	3/4 x 6 in.
2	Hex Nut (C)	3/4 in.
2	Hex Head Flange Capscrew (D)	M12 x 35
2	Locknut, Flange Head (E)	M12
1	Hex Head Capscrew (F)	M12 x 40
1	Hex Head Capscrew (G)	1/2 x 4 in.
2	Locknut (H)	1/2 in.
2	Hex Nut (I)	M12
1	Hex Head Capscrew (J)	1/2 x 4-1/2 in.

Lift Arm Kit



MX7264A

Qty.	Description
1	Left Lift Arm (A)
1	Right Lift Arm (B)
4	Locknut, M12 (C)
4	Hex Head Screw, M12 x 100 (D)

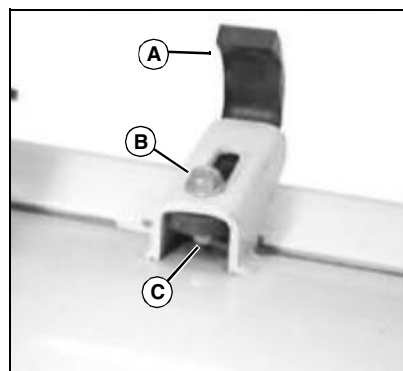
Install Skid Shoes



CAUTION: Avoid injury! Use a safe lifting device to remove blade from box for assembly.

1. Lay blade front-side down on ground.

NOTE: Both blade skid shoes must be set at the same height. Make skid shoe adjustments before using blade.



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2. Install skid shoes (A) to blade from bottom of blade.

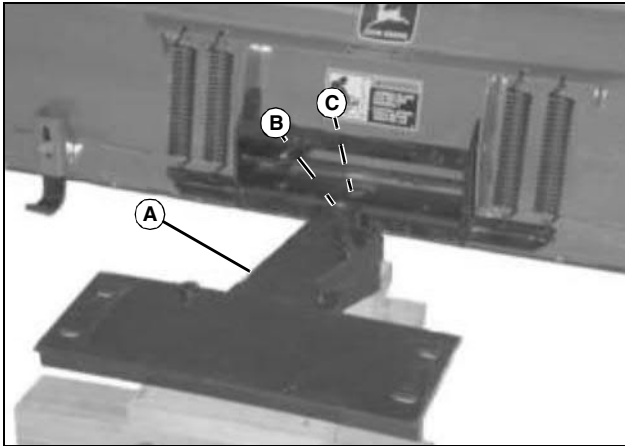
3. Secure to slotted blade bracket with M12x35 flange head screw (B) and M12 flanged locknut (C).

- Install screw from the outside of the slotted bracket and the locknut to the inside of the slotted bracket.

4. Tighten with 18 mm socket and open-end wrench.

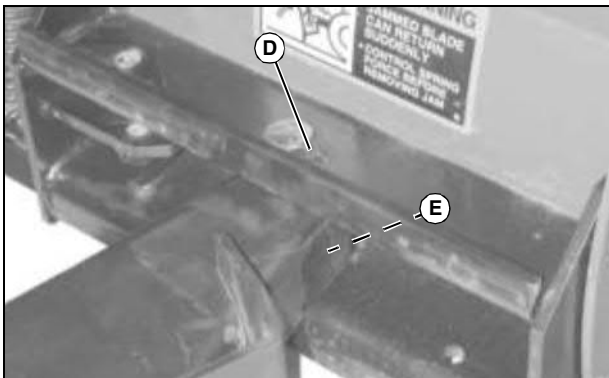
ASSEMBLY

Install Pivot Frame Bracket



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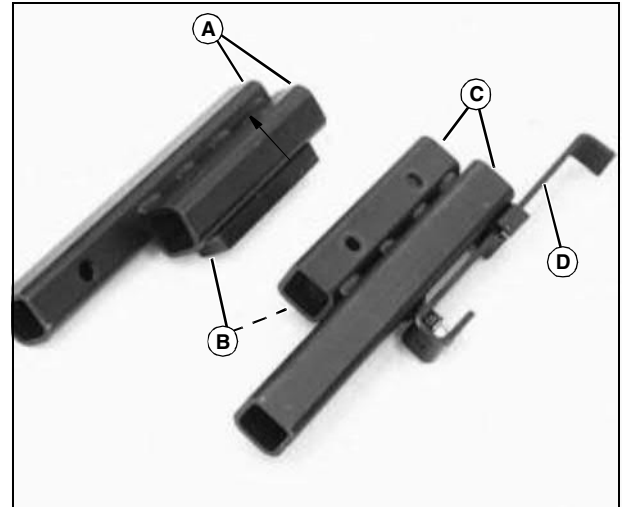
1. Place pivot frame bracket (A) on wood blocks with flat surface up.
2. Stand blade up and slide into position in front of the pivot frame bracket. Align hole in blade frame (C) with hole in pivot frame bracket (B).



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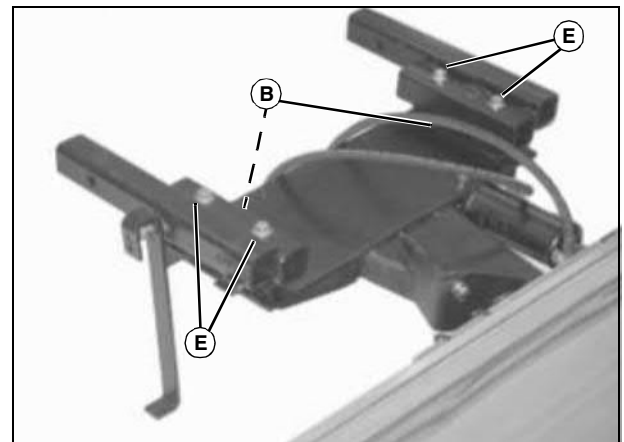
3. Install 3/4 x 6 in. cap screw (D) from the top through the blade frame and the pivot frame bracket. Install one 3/4 in. hex nut from the underside (E) of the pivot bracket.
4. Tighten hex nut with 1-1/8 in. socket just enough to allow the bracket to pivot freely.
5. Install the second 3/4 in. nut against the first installed hex nut. Tighten hex nuts together to 203 N•m (150 lb-ft).

Install Blade Lift Arms



MX7264

1. Identify right and left blade lift arms:
 - Left lift arm (A) with welded block (B) on bottom.
 - Right lift arm (C) with welded block on bottom and support stand (D) to the outside of the lift arm.



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2. Place lift arms on correct side of pivot bracket with welded block (B) to bottom. Install two M12 x 100 hex head screws (E) from the top through each lift arm and the pivot bracket.

NOTE: Hardware securing blade lift arms is not tightened until the blade is installed on machine.

3. Fasten from the bottom with two M12 locknuts. Install with 18 mm socket, but do not tighten.
4. Repeat on other side.

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