

JOHN DEERE
WORLDWIDE COMMERCIAL & CONSUMER
EQUIPMENT DIVISION

Front Blade
380A

OMLVU22514 H9

OPERATOR'S MANUAL



JOHN DEERE

Original Instruction

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Consumer Equipment Division**

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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

This blade is designed for use on John Deere compact utility tractors 3005 and 790 with a front hitch.

Contact your John Deere dealer for specific tractor compatibility information.

Record Purchase Information

380A Blade

Record your purchase information in the spaces provided below.

DATE OF PURCHASE:

DEALER NAME:

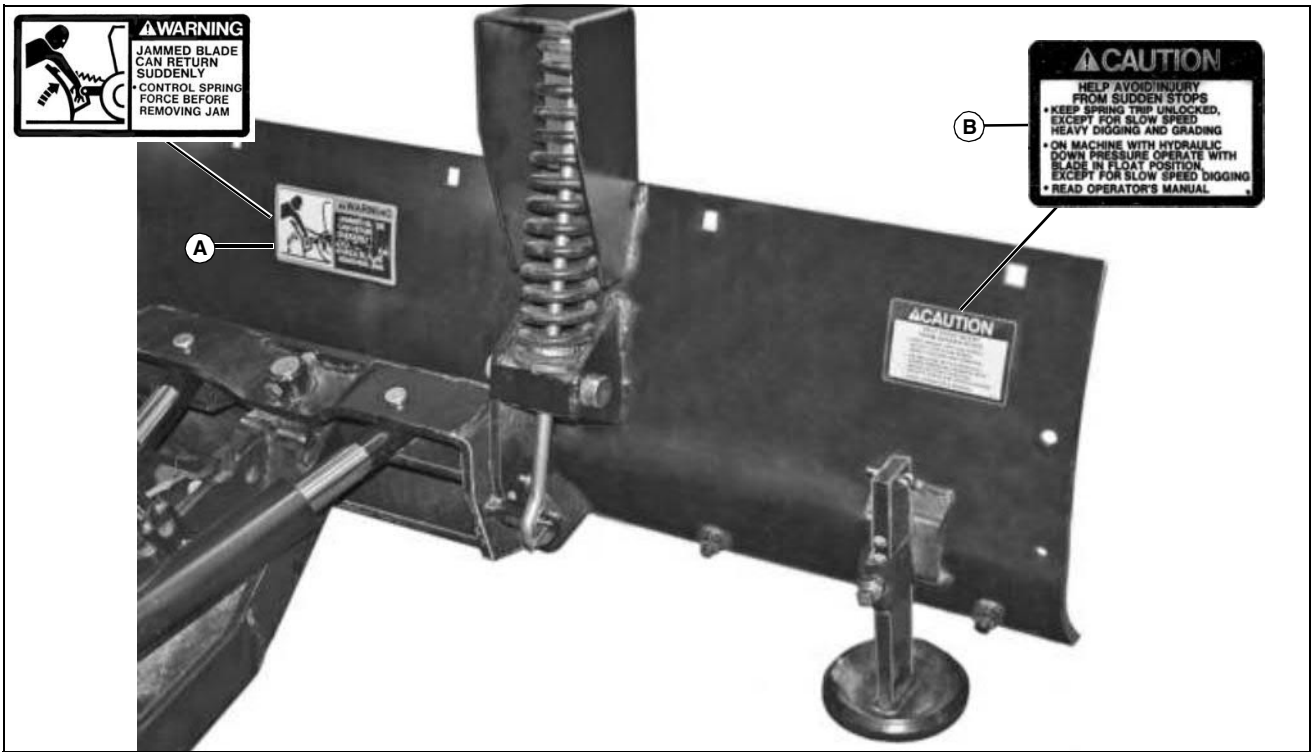
DEALER PHONE:

PRODUCT SERIAL NUMBER:

SAFETY LABELS

Safety Label Location

Safety Labels



MX27546

Picture Note: Use label number listed in table below to locate complete text of safety label message following this illustration.

- A- M119672 - Warning
- B- M77526 - Caution

WARNING



M119672

JAMMED BLADE CAN RETURN SUDDENLY

- Control spring force before removing jam



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.

There can be additional safety information contained on parts and components sourced from suppliers that is not reproduced in this operator's manual.

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SAFETY

CAUTION



M77526

Picture Note: Located on back right side of blade.

HELP AVOID INJURY FROM SUDDEN STOPS

- KEEP SPRING TRIP UNLOCKED, EXCEPT FOR SLOW SPEED HEAVY DIGGING AND GRADING
- ON MACHINE WITH HYDRAULIC DOWN PRESSURE OPERATE WITH BLADE IN FLOAT POSITION, EXCEPT FOR SLOW SPEED DIGGING
- READ OPERATOR'S MANUAL

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

- This attachment is intended for light duty moving of snow or other light, loose material. Do not misuse this equipment.
- Read, understand and follow all instructions in the manual and on the vehicle and attachment before operating.
- Only allow responsible adults who are familiar with the instructions to operate the machine.
- Inspect machine and attachment 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.
- Check brake action before you operate. Adjust or service brakes as necessary.
- Stop machine if anyone enters the area.
- If you hit an object, stop and inspect the machine. Make repairs before you operate. Keep machine and attachments properly maintained and in good working order.
- Before operating, make sure all connections are tight and blade responds properly to controls. Check all connections periodically for tightness.
- Do not leave machine unattended when it is running.
- Only operate during daylight or with good artificial light.
- Be careful of traffic when operating near or crossing roadways.
- Do not wear radio or music headphones while operating the machine. Safe operation requires your full attention.
- Transport the blade with it raised to the highest position.
- Be aware of the position of the blade ends. Blade makes a wide arc when turning.

- Be aware of the possibility of objects hidden under the snow. Avoid holes, rocks, roots and other obstructions.
- Avoid the edges of ditches and banks to reduce the possibility of loss of control.
- When plowing material into a pile, travel in reverse before raising blade.
- Do not ram into a pile of material; slow down before contact is made.
- Lower attachment completely before leaving operator's seat.
- 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.
- 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.

Parking Safely

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

ASSEMBLY

Checking Area to be Cleared

- Thoroughly inspect the area where the equipment is to be used and remove all doormats, sleds, boards, wires and other foreign objects.
- Keep people and pets out of the work area. Keep children indoors when using blade. Turn the machine off if anyone enters the area.
- Be extremely careful if you must clear snow from a gravel surface. Adjust the blade height to clear a gravel surface.

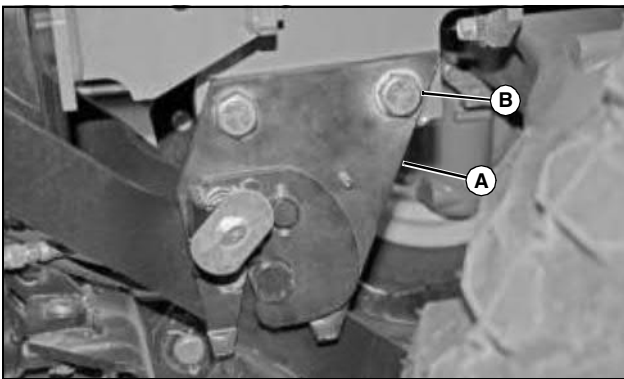
Avoid Injury From Hitting Obstructions

- 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.

Assembly

Attaching Front and Rear Mounts

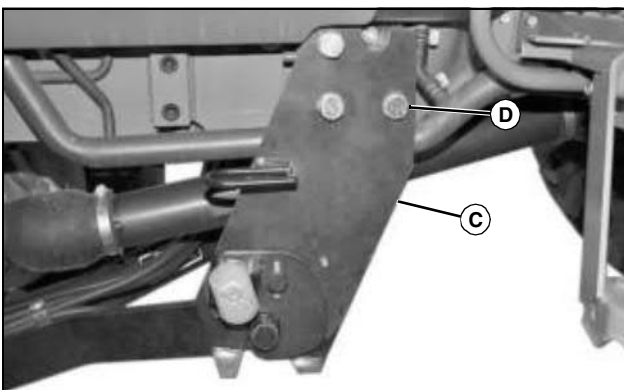
NOTE: Right and left-hand mounts are not interchangeable.



MX27502

Picture Note: Left rear mount shown.

1. Loosely install front mounts (A) to outside of tractor mounting bracket with four (two per side) 3/4 x 2-1/4 bolts, washers, and nuts (B).

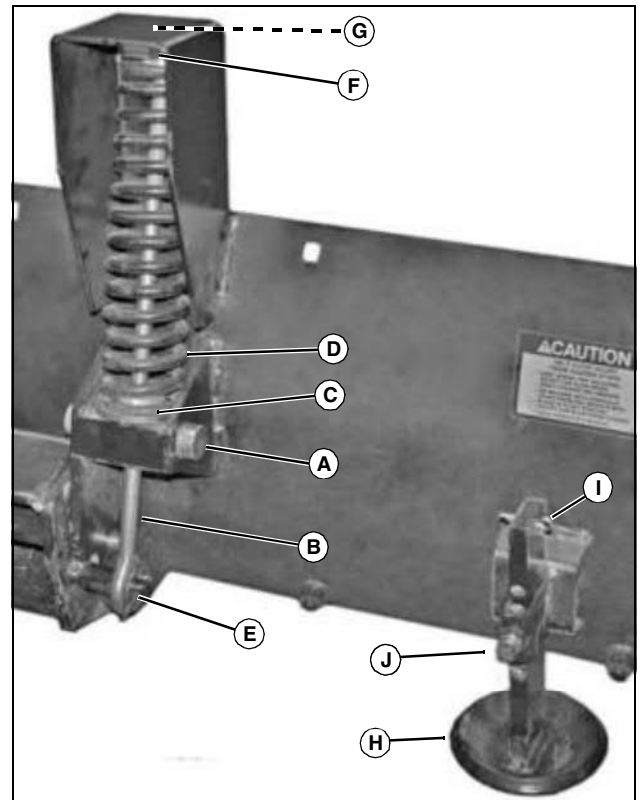


MX27501

Picture Note: Left front mount shown.

2. Loosely install rear mounts (C) to tractor mid-mount area with six (three per side) M16 x 40mm bolts and lock washers (F).

Assembling Blade



MX27503

1. Place retainer pin (A) into spring bracket.
2. Place eyebolt (B) partially through hole in retainer pin.
3. Place spring guide (C) over eyebolt. Collar on spring guide should be facing up.
4. Place spring (D) over eyebolt.
5. Slide eyebolt through spring guide and spring.
6. Lift up on spring guide and spring to fasten eyebolt to frame stud with flat washer and 3/16 x 1-1/2 cotter pin (E).
7. Place spring cap (F) on eyebolt with dished side toward spring.
8. Secure spring with two 5/8 jam nuts (G). Adjust nuts until 1-1/2 in. (38mm) of eyebolt is exposed. Lock one nut against the other.
9. Place skid shoes (H) into bottom of blade bracket. Install 1/4 x 1 cotter pin (I) in top of post.
10. Secure skid shoe in bracket with set screw and jam nut (J).
11. Install remaining skid shoe at opposite side of blade, making sure hole pattern is same on both skid shoes.



Suggest:

If the above button click is invalid.

Please download this document

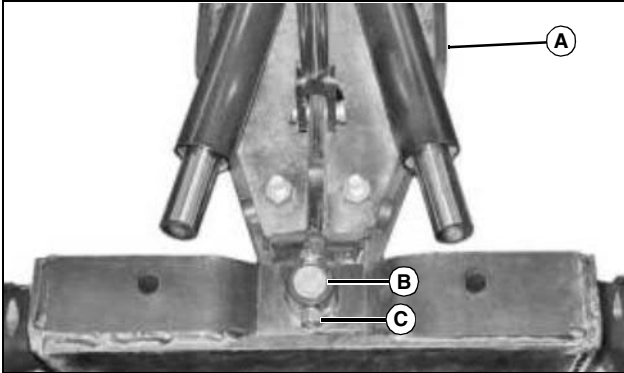
first, and then click the above link

to download the complete manual.

Thank you so much for reading

ASSEMBLY

Attaching Frame to Blade



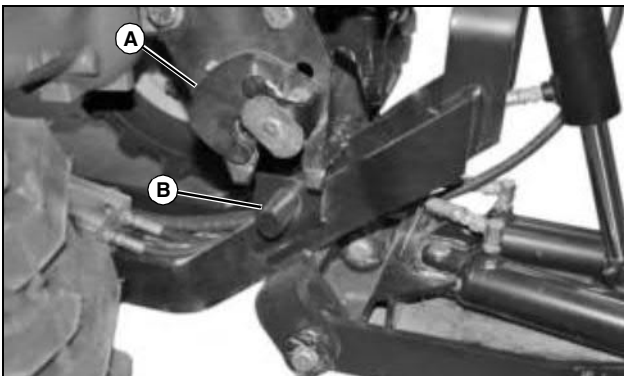
MX27504

NOTE: Keep blade straight.

Install frame (A) to blade with a drilled pin (B) and a 1/2 x 2-1/2 hex head bolt, lock washer, and nut (C).

Attaching Frame and Blade to Tractor

1. Start tractor engine.

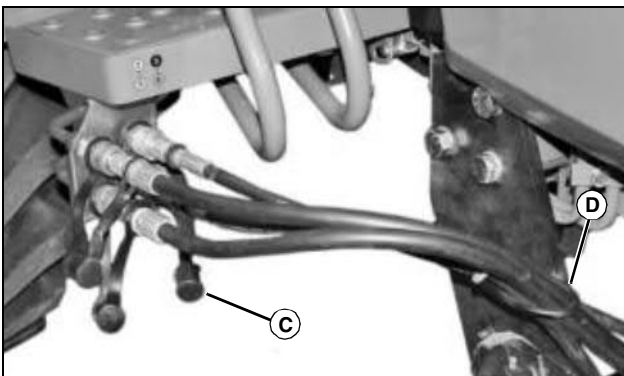


MX27494

2. Drive tractor over blade frame. Stop when cam plates (A) are over round bars (B) on frame.

3. Stop tractor engine. Lock park brake.

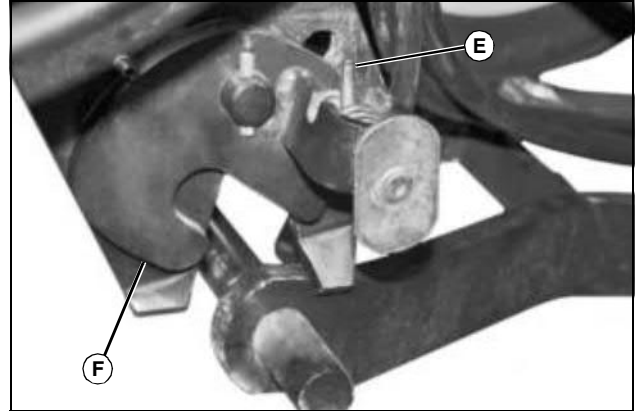
NOTE: Move SCV lever back and forth, and side to side to relieve pressure at couplers.



MX27495

4. Match dust caps (C) on hydraulic hoses with color-coded hydraulic outlets on tractor. Connect hydraulic hoses to couplers. Assemble dust caps and dust plugs.

5. Route hoses through hose guard (D).



MX27496

6. Release all lock pins (E) from "lock-out" position. Be sure all cam plates (F) are swung fully open.

7. Start tractor engine.

NOTE: Release park brake to allow some tractor movement to aid in alignment and cam engagement.



MX27497

8. Pull SCV control lever (G) back to raise rear of frame until rear cams rotate and lock.

9. Push SCV control lever (G) forward to raise front of frame until front cams rotate and lock.

10. Stop tractor engine. Lock park brake.

NOTE: Move SCV control lever back and forth, and side to side to relieve hydraulic pressure at couplers.

11. Tighten hardware on front and rear mounts.

12. Start tractor engine.

13. Lift blade slightly off ground. Stop tractor engine.

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