

# 423 FRONT-MOUNTED UTILITY BLADE



## OPERATORS MANUAL 423 FRONT-MOUNTED UTILITY BLADE

OMA39583 L9 English

**PLOW & PLANTER WORKS  
OMA39583 L9**

LITHO IN THE U.S.A.  
ENGLISH



## INTRODUCTION

This front-mounted utility blade was carefully designed and manufactured to give years of dependable service. To keep it running efficiently, read the instructions in this operator's manual. Each section is clearly identified so you can easily find the information you need. Read the Table of Contents to learn where each section is located.

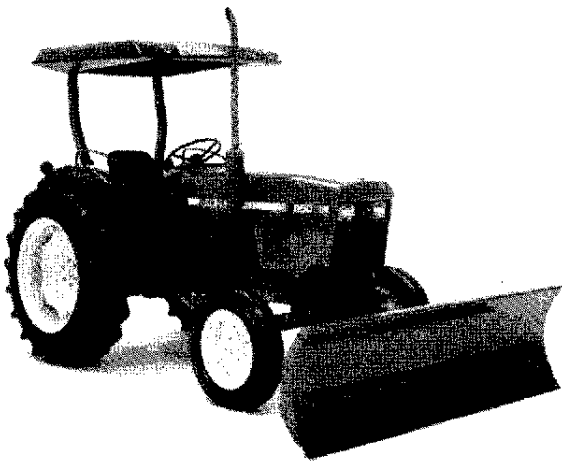


This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

"Right-hand" and "left-hand" sides are determined by facing in the direction of tractor forward travel.

Record your utility blade serial number in the space provided on page 23.

Measurements are shown with their respective metric equivalents throughout this operator's manual. These equivalents are the SI (International System) Units of Measure.



A19537A

*John Deere 423 Front-Mounted Utility Blade*

# JOHN DEERE 423 FRONT-MOUNTED UTILITY BLADE

## PREDELIVERY CHECK LIST

After the utility blade has been completely assembled, inspect it thoroughly to be certain it is in good operating order before delivering it to the customer. The following check list is a reminder of points to inspect. Check off each item as it is found satisfactory or after proper adjustment is made.

### Inspection

- Check all bolts and nuts to be sure they are tight.

### Run-In

- Operate the utility blade for a short period; then shut off tractor and make a careful check for loose bolts, binding parts, or other irregularities.
- Clean the utility blade and touch up any places where the paint is nicked or scratched.
- This utility blade has been tested and, to the best of my knowledge, is ready for delivery to the customer.

---

(Date)

(Set-up Person)

## OWNER REGISTER

Name \_\_\_\_\_

Post Office \_\_\_\_\_

County \_\_\_\_\_ State \_\_\_\_\_

Serial No. \_\_\_\_\_

Date Purchased \_\_\_\_\_

## DELIVERY CHECK LIST

- Explain the adjustments for implement operation.
- Describe the safety features of the utility blade and safe operation.
- Give the customer the operator's manual and explain that all things discussed so far are explained and illustrated in the manual in detail plus a lot of other valuable information.
- Explain to the customer that when the tractor and utility blade is transported on a road or highway at night or during the day, accessory lights and devices should be used for adequate warning to operators of other vehicles. In this regard, tell the customer to check local governmental regulations.
- Invite the customer to come in and discuss any problems which may be encountered while operating the utility blade.

---

*(Date)*

*Delivery Person*

## AFTER-SALE CHECK LIST

The following is a suggested list of items to be checked at a dealer-customer mutually agreeable time during the first using season:

- Check with the customer as to the performance of the utility blade.
- Acquaint the customer with any special attachment which will help do a better job.

---

*(Date)*

*Service Person*



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# Safety

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## General

**⚠** The safety of the operator was one of the prime considerations in the engineers minds when this utility blade was designed. Simple adjustments and safety features were built into the blade wherever possible. Nevertheless, ordinary caution must be taken when operating. There is no substitute for a careful and safety-minded operator.

## Operate Safely

When operating, be sure to avoid catching hydraulic hoses on sharp objects.

Never operate the utility blade without an adequate amount of rear wheel ballast.

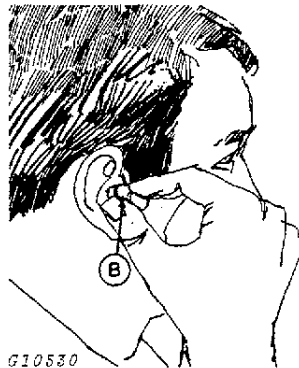
When pulling the pin to angle the blade, be sure your feet are not under the blade.

## Protect Against Noise

Prolonged exposure to loud noise can cause impairment or loss of hearing.

Hearing protective devices such as earmuffs (A) or earplugs (B) can effectively protect against loud noises.

Wear a suitable hearing protective device when you are exposed to noise which is objectionable or uncomfortable.



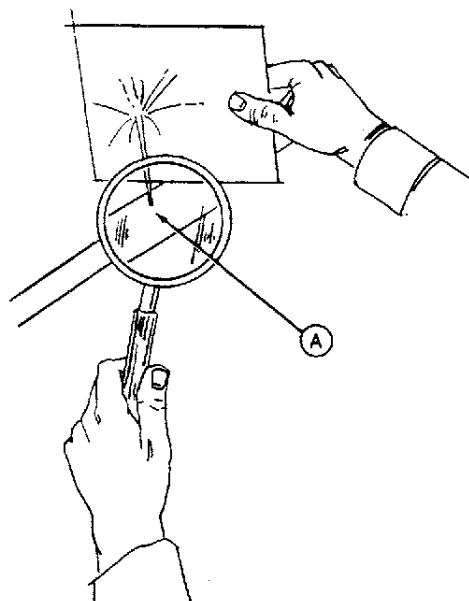
A—Earmuffs  
B—Earplugs

### Avoid High Pressure Leaks

Escaping hydraulic fluid under pressure can have sufficient force to penetrate the skin, causing serious injury. Before disconnecting lines, be sure to relieve all pressure. Before applying pressure to the system, be sure all connections are tight and that lines, pipes, and hoses are not damaged.

Fluid escaping from a very small hole can be almost invisible. Use a piece of cardboard or wood, rather than your hands, to search for suspected leaks.

If injured by escaping fluid, see a doctor at once. Serious infection or reaction can develop if proper medical treatment is not administered immediately.



A—Pin Hole Leak

G10317

### Transport Safely

When transporting the utility blade on a road or highway at night or during the day, use accessory lights and devices for adequate warning to the operators of other vehicles. In this regard, check local governmental regulations. Various safety lights and devices are available from your John Deere dealer.

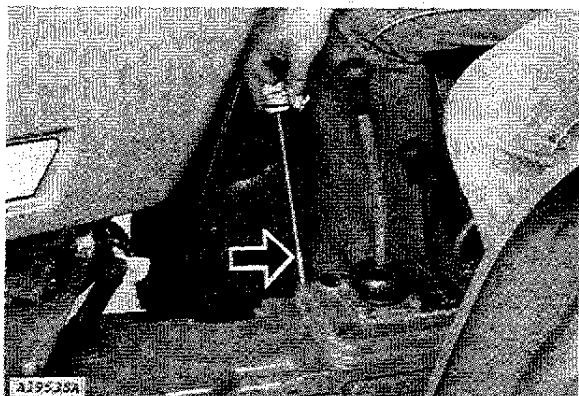


# Preparing for Use

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## PREPARING THE TRACTOR

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### Hydraulic Fluid Level

With the engine shut off and tractor on a level surface, check the hydraulic fluid level. If necessary, fill to proper level on dipstick.

### Ballast, Tire Inflation and Wheel Spacing

Refer to your tractor operator's manual for proper ballast, tire inflation, and wheel spacing.

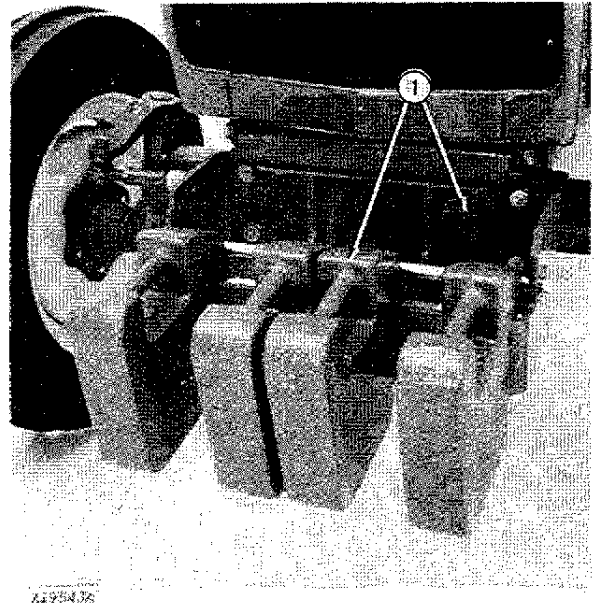




# Attaching and Detaching

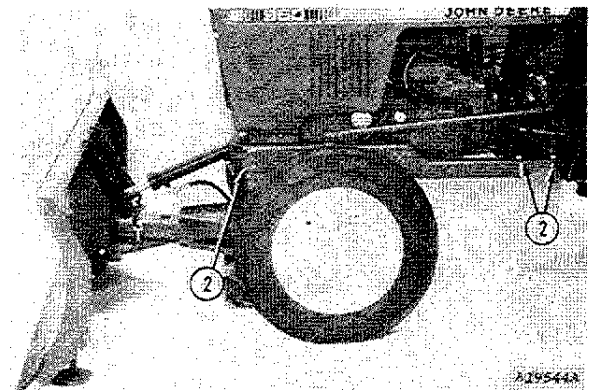
## ATTACHING

1. Remove weights and bracket.



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2. Position tractor over mounting frame so the rear plate holes line up with the clutch housing holes. Install cap screws, lock washers, washers and nuts.



3. (Not illustrated) Install hoses in rear outlets.

Start engine and operate slowly a few times to be sure everything is working right. Check hydraulic level and fill to proper level if necessary (see page 4).

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