



# 700 Twin Rake



JOHN DEERE

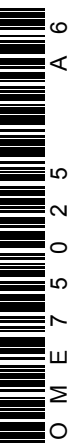
## OPERATORS MANUAL

700  
Twin Rake

OME75025 Issue A6 English

John Deere Ottumwa Works  
OME75025 Issue A6

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ENGLISH



# Introduction

**Read this manual** carefully to learn how to operate and service your machine correctly. Failure to do so could result in personal injury or equipment damage.

**This manual should be considered** a permanent part of your machine and should remain with the machine when you sell it.

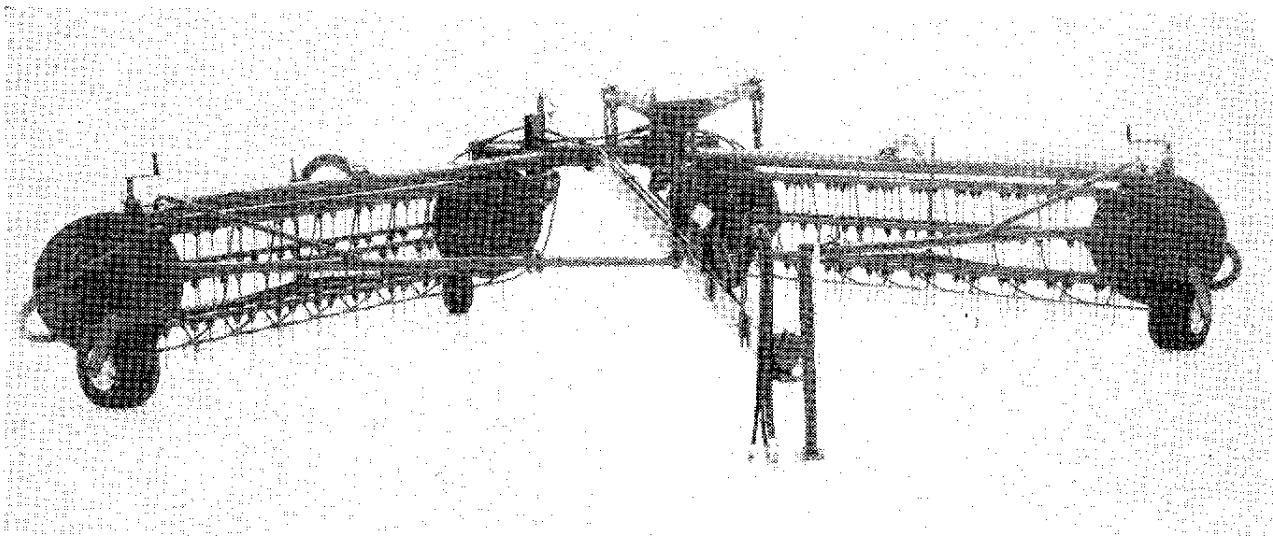
**Measurements** in this manual are U.S. customary units and their metric equivalents.

**Right-hand and left-hand** sides of the implement are determined by facing in the direction the implement will travel when going forward.

**Warranty** appears on your copy of the purchase order which you should have received from your dealer.

**The tire manufacturer's** warranty supplied with your machine may not apply outside the U.S.

**Write product identification numbers** in the space provided in the Specifications section. Accurately record all the numbers to help in tracing the machine should it be stolen. Your dealer also needs these numbers when you order parts. If this manual is kept on the machine, also file the identification numbers in a secure place off the machine.



*John Deere 700 Twin Rake*

# Checklists

## PREDELIVERY CHECKLIST

After the rake has been completely assembled, inspect it to be sure it is in good running order before delivering it to the customer. Check off each item when found satisfactory or after making the necessary adjustments.

- All grease fittings have been lubricated.
- Check tire pressure.
- Check wheel bolt torque.
- Check for external oil leaks.
- Safety chain attached.
- Check condition of wheel rims.
- All moving parts are working freely.
- Check tightness of all nuts and bolts and make sure all cotter pins are spread.
- Hydraulic cylinders operate properly.
- Rake has been run for 30 minutes and bearings are not overheating.
- Check condition of hydraulic hoses and connections.

\_\_\_\_\_  
(Date Set Up)

\_\_\_\_\_  
(Signature of Set-Up Technician)

E05;TWRU A 091084

## OWNER REGISTER

Name \_\_\_\_\_  
Rural Route # \_\_\_\_\_  
County \_\_\_\_\_ City \_\_\_\_\_  
State \_\_\_\_\_ Zip \_\_\_\_\_  
Serial Number \_\_\_\_\_  
Model Number \_\_\_\_\_  
Date Sold \_\_\_\_\_

E01;530U B 220485

E85;IFC 1 141185

Checklists

**DELIVERY CHECKLIST**

The following checklist is a reminder of very important information which should be conveyed directly to the customer when delivering the machine.

Advise the customer that the life expectancy of this or any other machine depends on regular lubrication as described in the operator's manual.

Give the operator's manual to your customer and explain fully all operating adjustments and lubrication.

Inform the customer on safety precautions to be taken when using the rake.

Tell the customer to record the serial number of his rake in the space provided at the end of this manual.

\_\_\_\_\_  
(Date Delivered)

\_\_\_\_\_  
(Signature)

E05;TWRU C 091084

**AFTER-SALE CHECKLIST**

The following items should be checked some time during the first season of operation with the rake.

Inspect the entire machine and check for loose or missing bolts.

Check tire pressure.

Check wheel bolt torque.

Check that rake baskets are set at proper height.

Check for broken or damaged parts.

If possible, run the rake to make sure that it is functioning properly.

Review the entire operator's manual together with your customer and stress the importance of proper and regular lubrication, as well as safety precautions.

\_\_\_\_\_  
Date Checked

\_\_\_\_\_  
(Signature)

E05;TWRU D 091084

E85;JFC 2 141185

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# Safety Signs

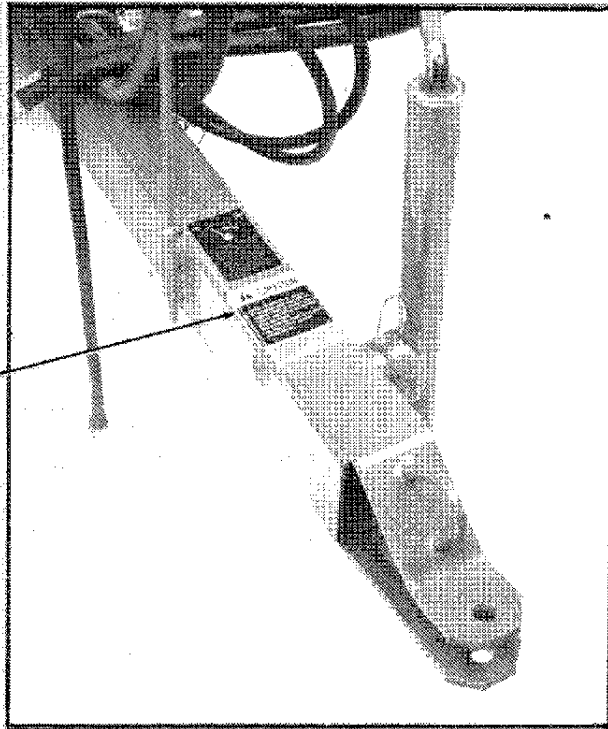
## FOLLOW SAFETY INSTRUCTIONS

Carefully read all safety messages in this manual and on your machine safety signs. Follow recommended precautions and safe operating practices.

Keep safety signs in good condition. Replace missing or damaged safety signs.



AB6;TS188 053;SIGNS 071085



014;E27058 E05;TWRZ A 091285

# Safety

## READ OPERATOR'S MANUAL

Do NOT operate machine without reading this operator's manual.

E05;RDMC A 250984

## RECOGNIZE SAFETY INFORMATION

This is the safety-alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury.



AB6;T81389 053;ALERT 071085

## UNDERSTAND SIGNAL WORDS

A signal word—DANGER, WARNING, or CAUTION—is used with the safety-alert symbol. DANGER identifies the most serious hazards.

Safety signs with signal word DANGER or WARNING are typically near specific hazards.

General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.



**▲ DANGER**

**▲ WARNING**

**▲ CAUTION**

AB6;TS187 053;SIGNAL 071085

## OBSERVE "IMPORTANT" MESSAGES

Messages labeled "Important" will appear in your operator's manual and/or on the machine to provide specific instructions for performing adjustments, services, etc. If these instructions are not followed, it could result in damage to the machine.

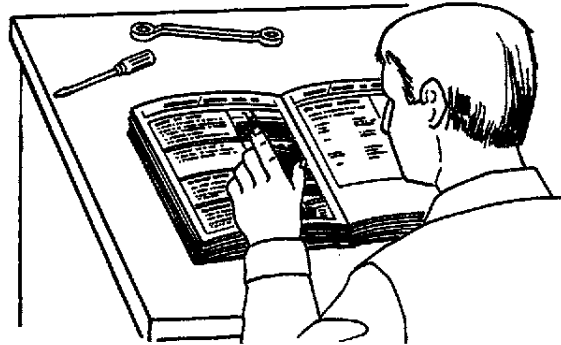
E05;14245A B 170682

### LEARN MACHINE SAFETY

Carefully read this manual. Learn how to operate the machine and how to use the controls properly.

Do not let anyone operate this machine without proper instruction.

Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.

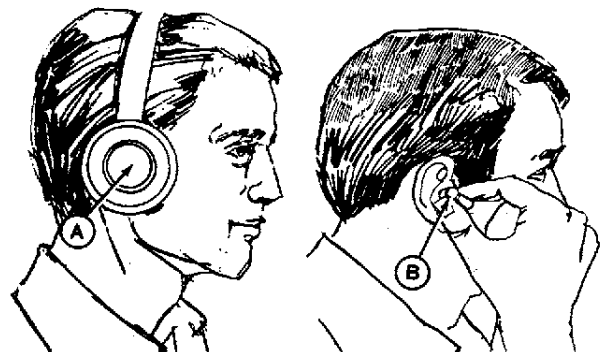


AB6;TS183 053;READ2 080785

### PROTECT AGAINST NOISE

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

Wear a suitable hearing protective device such as earmuffs (A) or earplugs (B) to protect against objectionable uncomfortable loud noises.

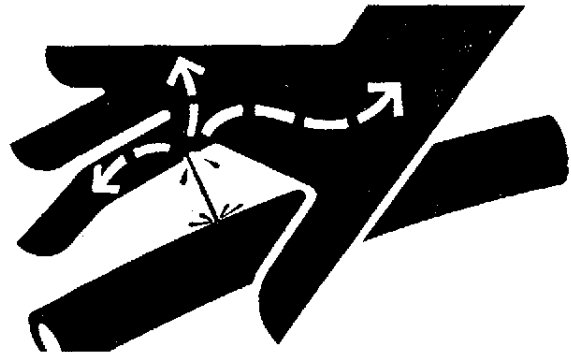


AB6;X7662 053;NOISE 150584

### AVOID HIGH-PRESSURE FLUIDS

Escaping fluid under pressure can penetrate the skin causing serious injury. Relieve pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure. Keep hands and body away from pinholes and nozzles which eject fluids under high pressure. Use a piece of cardboard or paper to search for leaks.

If ANY fluid is injected into the skin, it must be surgically removed within a few hours by a doctor familiar with this type injury or gangrene may result.



AB6;X9811 053;FLUID 100584

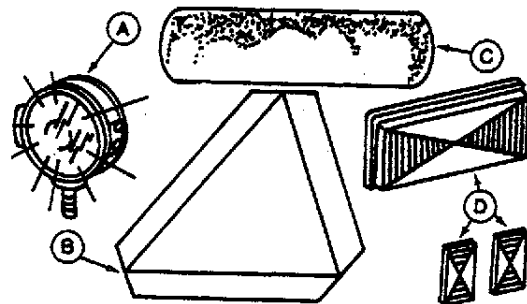
### USE SAFETY LIGHTS AND DEVICES

Use of flashing warning lights and turn signals are recommended when towing this equipment on public roads unless prohibited by state or local regulations. An implement safety lighting kit is available from your John Deere dealer.

Keep safety items in good condition. Replace missing or damaged items.

A—Lights  
B—SMV Emblem

C—Reflector Tape  
D—Reflectors



AB6;N36564 053;FLASH 111085



### USE A SAFETY CHAIN

A safety chain will help control drawn equipment should it accidentally separate from the drawbar while transporting. Using the appropriate adapter parts, attach the chain to the tractor drawbar support or other specified anchor location. Provide only enough slack in the chain to permit turning. See your John Deere dealer for a chain with a strength rating equal to or greater than the gross weight of the towed machine.

E05;TWRC A 091084

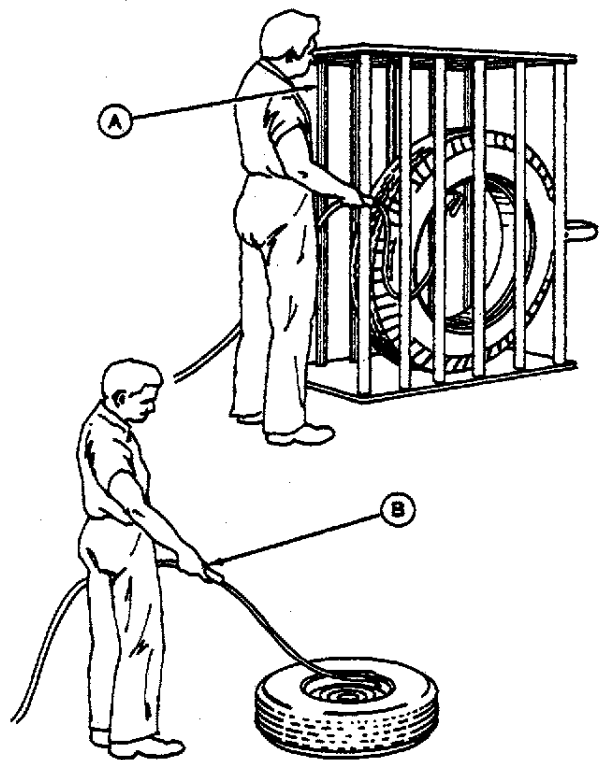
### SERVICE TIRES SAFELY

Failure to follow proper procedures when mounting a tire on a wheel or rim can produce an explosion which may result in serious injury or death. Do not attempt to mount a tire unless you have the proper equipment and experience to perform the job. Have it done by your John Deere dealer or a qualified tire repair service.

When sealing tire beads on rims, never exceed 35 psi (241 kPa) (2.4 bar) or maximum inflation pressures specified by tire manufacturers for mounting tires. Inflation beyond this maximum pressure may break the bead, or even the rim, with dangerous explosive force. If both beads are not seated when the maximum recommended pressure is reached, deflate, reposition tire, relubricate bead and reinflate.

Detailed tire mounting instructions, including necessary safety precautions, are contained in John Deere Fundamentals of Service (FOS) Manual 55, Tires and Tracks, available through your John Deere dealer. Such information is also available from the Rubber Manufacturers Association and from tire manufacturers.

- A—Use a Safety Cage if Available.
- B—Do Not Stand Over Tire. Use a Clip-on Chuck and Extension Hose.



AB6;TS0123 053;TSAFT A 091283

### WEAR PROTECTIVE CLOTHING

Wear fairly tight clothing. . . . . and safety equipment.



AB6;TS184 053;WEAR2 080785

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