

455 OFFSET DISK



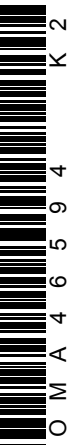
OPERATORS MANUAL

455 OFFSET DISK

OMA46594 K2 English

**JOHN DEERE PLOW
& PLANTER WORKS
OMA46594 K2**

LITHO IN THE U.S.A.
ENGLISH



INTRODUCTION



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 the disk will travel when in use.

Record your disk model and serial number in the space provided on page 59.

The general disk warranty appears on your copy of the purchase order which you should have received from your dealer when you purchased the disk.

Warranty on disk gang bearings is as follows:

JOHN DEERE TWO YEAR DISK GANG BEARING WARRANTY

We Will:

1. Pay parts and labor to replace any gang bearing which fails through normal use within two years from the recorded date the machine warranty starts.
2. This warranty applies to all 215, 235, 315, 335, 355, 375, and 455 model John Deere Disks.

You Must:

1. Maintain, adjust, operate and lubricate the disk as recommended in the operator's manual.
2. Have any gang bearing replacement performed by an authorized John Deere Dealer.

This operator's manual contains SI Metric equivalents which follow immediately after the U.S. customary units of measure.



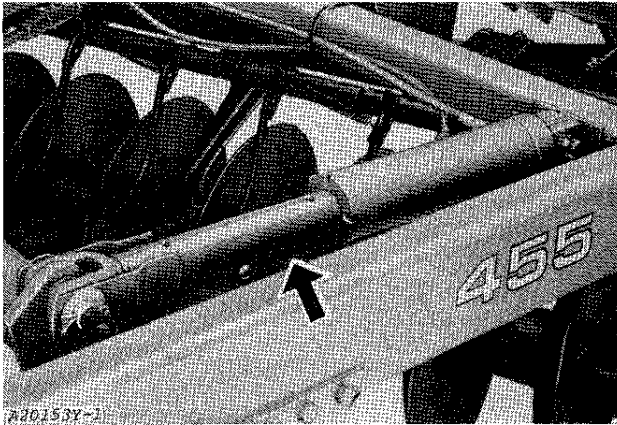
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Safety

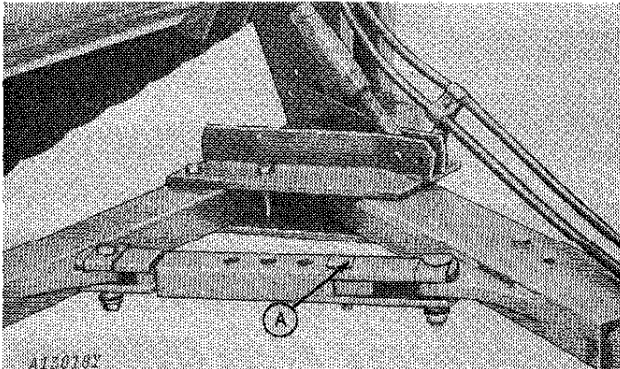
2-5



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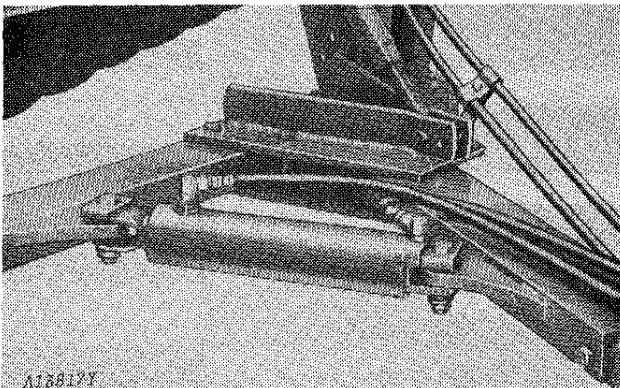
Transport Safety

Before transporting the disk, fully extend the hydraulic cylinder and install transport locks (bold arrow).



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Tractor drawbar must be pinned and disk hitch latch (A) or hitch hydraulic cylinder retracted.



A13817Y

While transporting the disk on a public road, follow safety instructions outlined under "Transporting."

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.

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

2-5

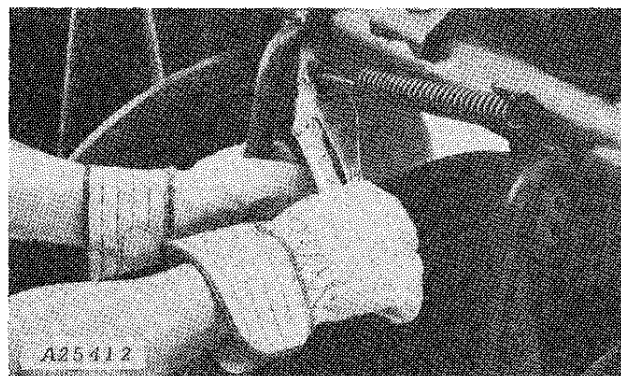
Operate the Disk Safely

Never ride or permit others to ride on the drawbar of the tractor or on the disk.

Only one person - the operator - should be permitted on the tractor platform while tractor and disk are in operation.

Be careful when operating on hillsides because the tractor may tip sideways if it strikes a hole, ditch, or other irregularity.

Wear protective gloves to help prevent injury from cutting edges of disk blades when removing or installing scraper blades.



A25412

Do not leave the disk in the raised position when it is not in use. Always lower it to the ground.

Park or block the disk so it will not roll when disconnected from the tractor drawbar.

Lubricate the Disk Safely

Do not grease, oil or adjust the disk while it is in motion.

Dispose of Spray Cans Safely

If spray can paint is used for protecting disk blades to be put in storage, be careful when discarding empty can. Do not incinerate or puncture can.

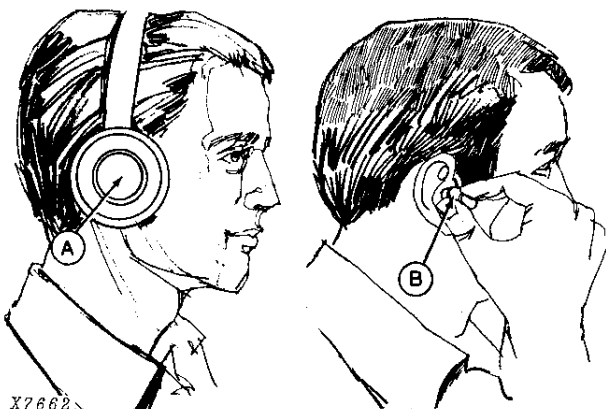


x9811

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. Do not use your hand.

If ANY fluids 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.



X7662

x7662

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 or uncomfortable loud noises.

- A—Earmuffs
- B—Earplugs

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 241 kPa (2.4 bar) (35 psi) 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 agricultural 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.



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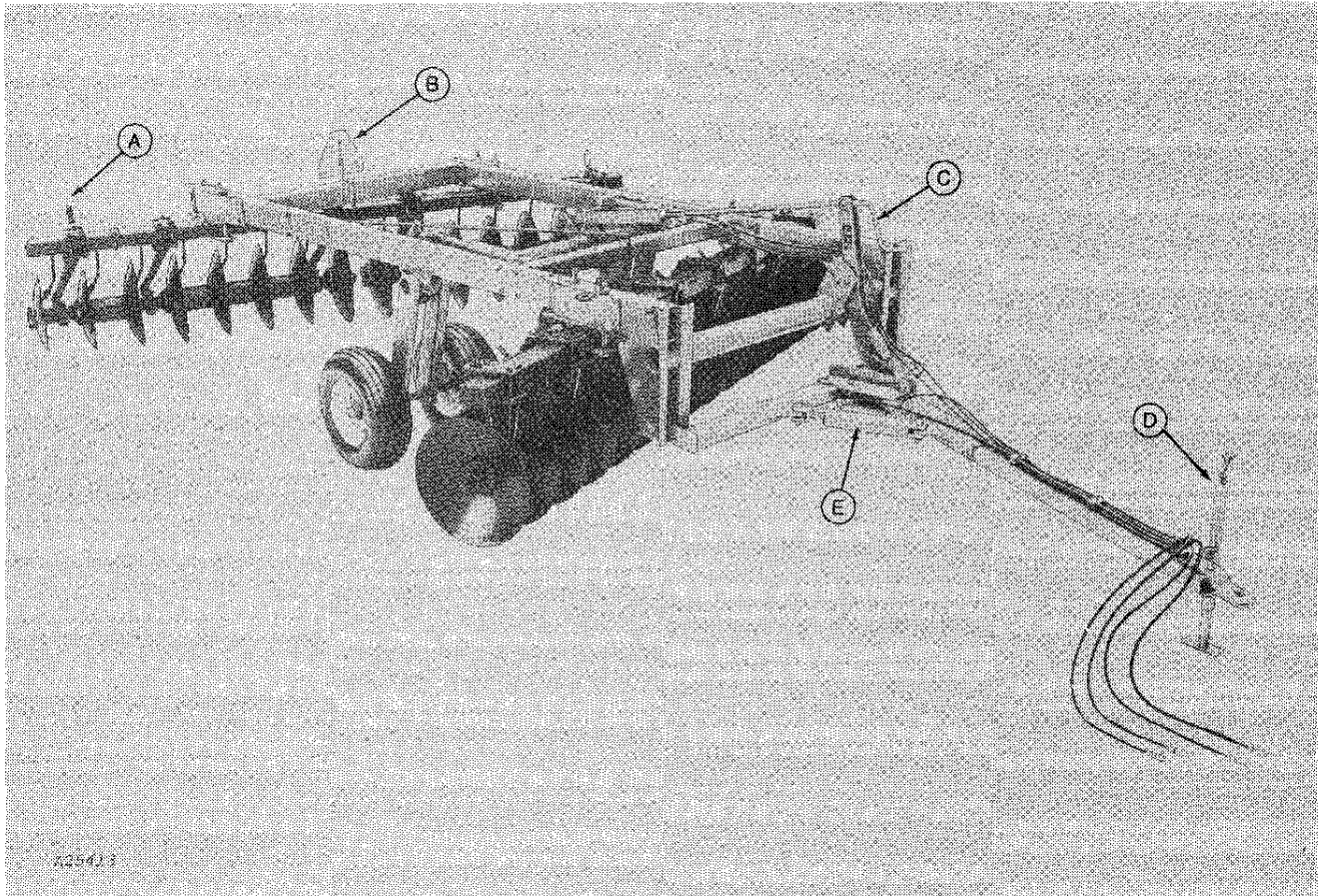
2-5

Do Not Modify the Disk

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



Identification View



A—Reflector
B—Slow Moving Vehicle (SMV) Emblem (Attachment)

C—Leveling Crank
D—Jack

E—Hitch Cylinder
(Optional)

John Deere 455 Offset Disk - 13'5" (4.1 m) Width Illustrated

A25413



Preparing the Tractor

POSITIONING DRAWBAR

The offset on tractor drawbar can be placed in either the up or down position. Locate drawbar in the down position for hard ground conditions (disking stalks or primary disking) or when maximum weight is needed for penetration.

Place drawbar in the up position for light soil and when depth gauging.

When transporting, pin drawbar in the center extended position.

When operating the disk, center drawbar in drawbar support, leaving two hole clearance on each side.

7-8

CHECKING BALLAST, WHEEL SPACING AND TIRE INFLATION

To insure proper stability, adjust ballast, wheel spacing and tire inflation according to tractor operator's manual.

CHECKING HYDRAULIC OIL LEVEL

NOTE: Tractor must be on level surface with engine stopped.

Check hydraulic oil level. If necessary, fill to proper level on dipstick.

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