



115 DISK



JOHN DEERE

OPERATORS MANUAL

115 DISK

OMA48033 H3 English

**JOHN DEERE PLOW
& PLANTER WORKS
OMA48033 H3**

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 being transported.

Record your disk serial number in the space provided on page 91. Your dealer needs this information to give you prompt, efficient service.

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

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



Contents

Page	
2-5	Safety
6	Identification Views
7-8	Preparing the Tractor
9-10	Preparing the Disk
11-13	Attaching to Tractor
14-16	Transporting
17-24	Operating the Disk
25-27	Trouble Shooting
28-29	Detaching from Tractor
30-31	Lubrication
32-64	Service
65-69	Attachments
70-88	Attachment Assembly
89-91	Specifications
92	Index



Safety

TRANSPORT SAFELY

2-5

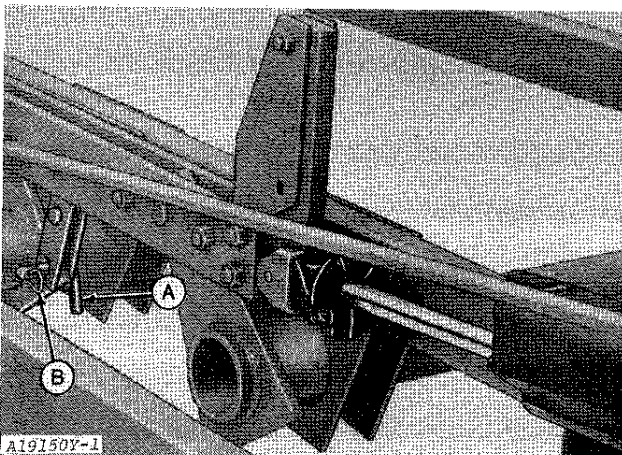
Before transporting, pin the tractor drawbar in the center of the drawbar support with retainer bolts.

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

Use care when transporting across rough ground.

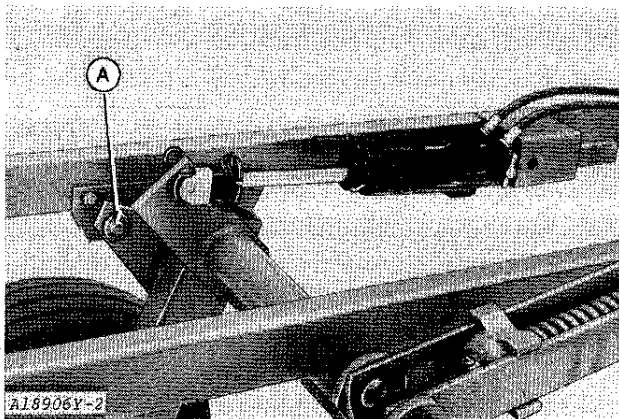
Wide Frame Disk

Before transporting wide frame disk, fully extend the hydraulic cylinder and insert retaining pin (A) and spring locking pin (B) in transport lock as shown.



Narrow Frame Disk

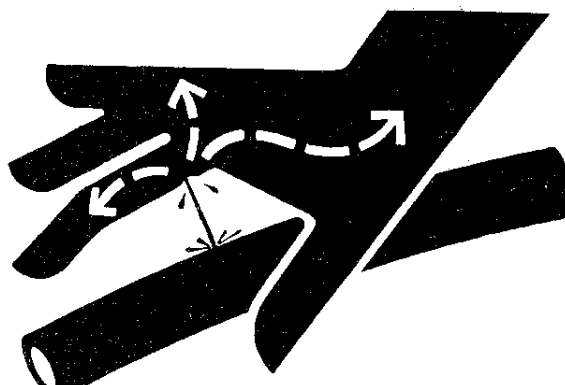
Before transporting narrow frame disk, insert retaining pin (A) in disk wheel frame as shown. Secure with quick-lock pin.



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 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.



2-5

OPERATE THE DISK SAFELY

Be careful when operating the disk to avoid injury.

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

When removing self-adjusting scrapers, always remove scraper which has spring attached to upper portion of tension lever first. See page 58. When installing scrapers, always install this scraper last. Wear protective gloves to prevent injury from cutting edges of disk blades or scraper blades.

Lower disk completely to the ground before unhitching from the tractor, or if the disk is to be unhitched in the raised position, be sure the transport retaining pins are installed and the disk is on a level and firm surface.

On a disk equipped with a harrow attachment to be stored in the raised position, be sure the transport retaining pins have been installed and the jack is located on the rear of the disk to prevent hitch tip-up.

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

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.

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 before storage, be careful when discarding empty can. Do not incinerate or puncture can.

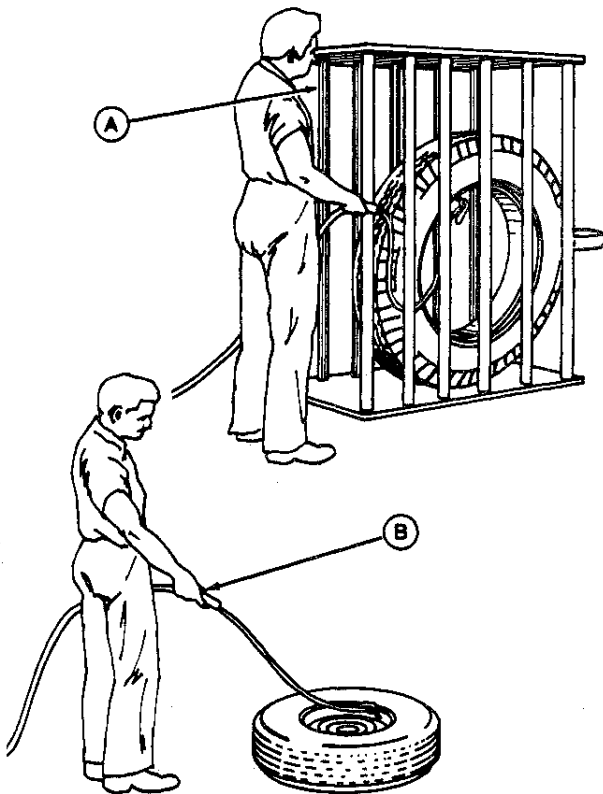
SERVICE TIRES SAFELY

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 repair service.

When sealing tire beads on rims, never exceed 36 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, re-lubricate 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.

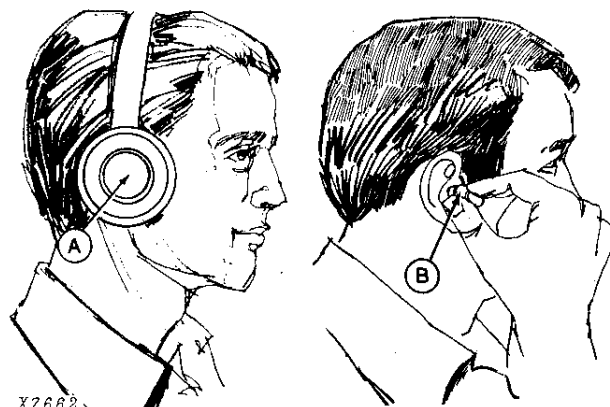
A—Use a safety cage if available.
B—Do not stand over tire. Use a clip-on chuck and extension hose.



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.

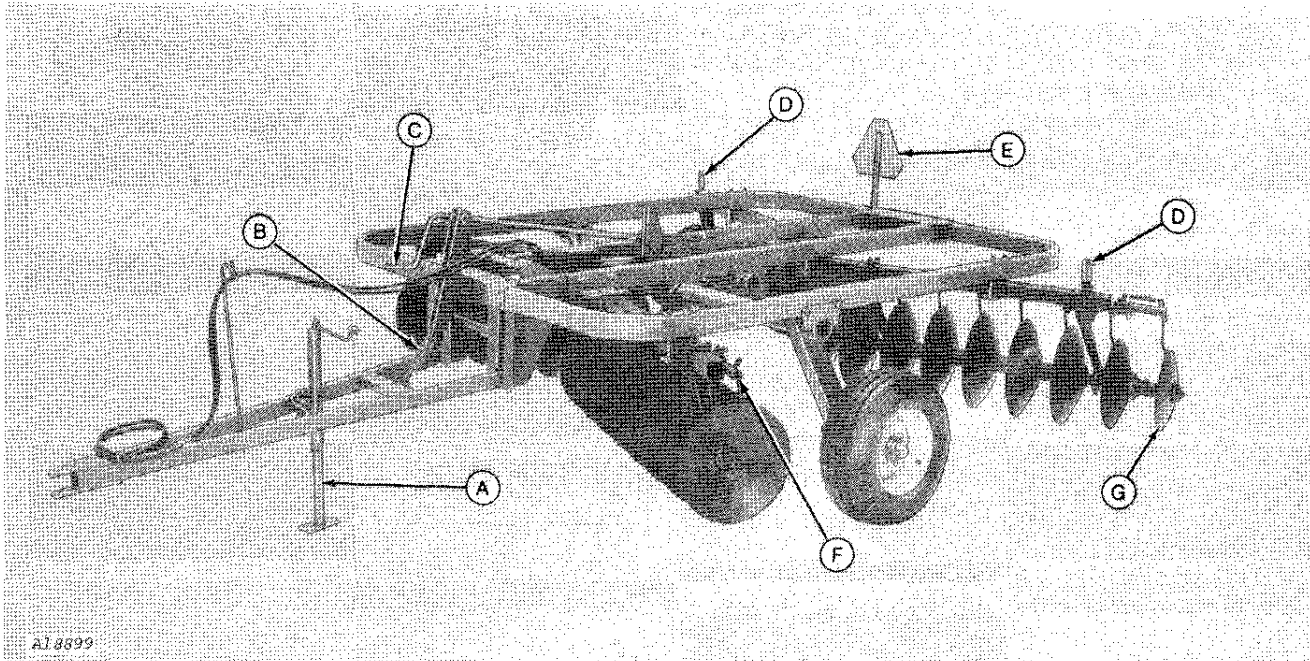


DO NOT MODIFY THE DISK

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



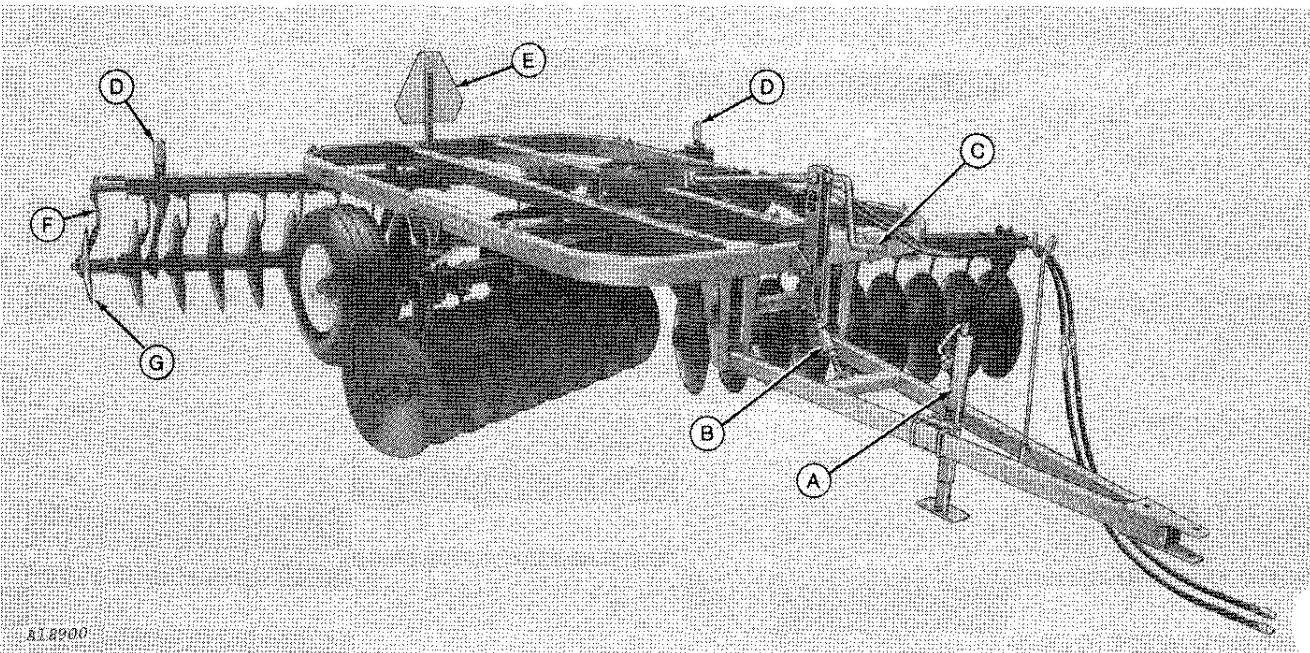
Identification Views



A18899

- A—Hitch Jack
- B—Turnbuckle
- C—Leveling Crank
- D—Reflectors
- E—SMV (Slow Moving Vehicle) Emblem (Attachment)
- F—Self-Adjusting Scrapers
- G—Furrow Filler Disk Blade

John Deere 115 Disk - 11'5" (3.5 m) Wide Frame



A18900

- A—Hitch Jack
- B—Turnbuckle
- C—Leveling Crank
- D—Reflectors
- E—SMV (Slow Moving Vehicle) Emblem (Attachment)
- F—Self-Adjusting Scrapers
- G—Furrow Filler Disk Blade

John Deere 115 Disk - 10'2" (3.1 m) Narrow Frame



Preparing the Tractor

GENERAL

For complete tractor operating instructions, refer to your tractor operator's manual.

ROCKSHAFT SELECTOR LEVER

7-8

Set the tractor rockshaft selector lever in the "MIN" position.

TIRE INFLATION

Inflate the tractor tires as recommended in the tractor operator's manual.

ROCKSHAFT HEIGHT STOP LOCK (4040, 4050, 4240 and 4250 Tractors)

If the tractor rockshaft is accidentally lowered with a quick-coupler hitch on the tractor, damage can occur to the disk hitch when turning the tractor.

To prevent accidentally lowering the rockshaft while operating the disk, install AR60331 rockshaft height stop. Installation instructions are provided with the lever stop.

FRICTION PIN (2040, 2150, 2240, 2350, 2440, 2550, 2640, 2750, 2840, 2940 and 2950 Tractors)

If the tractor rockshaft is accidentally lowered with a quick-coupler hitch on the tractor, damage can occur to the disk hitch when turning the tractor.

To prevent accidentally lowering the rockshaft while operating the disk, be sure to install the friction pin in the control quadrant. See your tractor operator's manual.

DRAWBAR

Place the tractor drawbar in the lower position.

Secure tractor drawbar in the center of the drawbar support.

NOTE: If the disk is equipped with cushion gang attachment, position the tractor drawbar with the offset up.

REAR WHEEL WEIGHTING

Rear wheel weights may be necessary to eliminate excessive wheel slippage or for stability in rough or hillside fields. However, weights should not be added to the point where all slippage is eliminated. To do so would hinder maximum performance of the tractor.

For maximum recommended rear wheel ballast see your tractor operator's manual.



Preparing the Disk

LUBRICATION

Lubricate the disk as shown on pages 30-31.

BOLT TORQUE

Be certain all bolts are tightened securely. See torque chart on page 32.

9-10

TIRE INFLATION

Inflate the disk tires to 30 psi (207 kPa) (2.1 bar) of air pressure.

HYDRAULIC HOSES

The 115 Disk can be used with any tractor equipped with an 8 in. (205 mm) stroke remote hydraulic cylinder that conforms to ASAE-SAE standards.

The length of the remote hydraulic cylinder hoses should be 120 in. (3 050 mm).

Install the remote hydraulic cylinder on the disk.

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com