

500 GRAIN CART



JOHN DEERE

OPERATORS MANUAL

500 GRAIN CART

OMH135755 E7 English

JOHN DEERE HARVESTER WORKS
OMH135755 E7

LITHO IN THE U.S.A.
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 are determined by facing in the direction of forward travel.

Warranty is on the warranty certificate 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 identification numbers 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.

All information, illustrations and specifications in this manual are based on the latest product information available at the time of publication. The right is reserved to make changes at any time without notice.

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Checklists

TO THE DEALER

After the grain cart has been assembled and lubricated, inspect it thoroughly to be sure it is functioning properly before delivering it to the customer. The following check list is a reminder of points to check. Check off each item as it is found satisfactory or after proper adjustment has been made.

The John Deere Delivery Receipt, when properly filled out and signed by the dealer and customer, verifies that the predelivery and delivery services were satisfactorily performed. When delivering this machine, give the customer a copy of the delivery receipt and the operator's manual. Explain their purpose.

Be certain to retain your copy of the packing list for shipping bundle information.

PREDELIVERY CHECK LIST

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.

- All grease fittings have been lubricated and gear box oil level checked. See Lubrication section.
- Tires have been properly inflated. 18.4-26, 12 ply-rated tires to 34 psi (235 kPa) (2.4 bar) of air pressure. 23.1-26, 10 ply-rated tires to 24 psi (165 kPa) (1.7 bar) of air pressure.
- Tractor hp and hydraulic system adequate to operate the grain cart. See Preparing the Tractor section.
- Hydraulic hoses correctly coupled and routed.
- Wheel bolt torque check at 360 lb-ft (488 N·m).
- Any parts scratched in shipment have been touched up with paint.
- This grain cart has been thoroughly checked and, to the best of my knowledge, is ready for delivery to the customer.

(Date Set Up)

(Signature of Set-Up Person)

DELIVERY CHECK LIST

When the grain cart is delivered, the following check list is a reminder of important information which should be conveyed directly to the customer. Check off each item as it is fully explained to the customer.

- Give the operator's manual to the customer and review all operating instructions and safety precautions.
- Emphasize the importance of proper installation of hydraulic lines and electrical wiring.
- When the grain cart is transported on the road, day or night, warning lights and devices must be used for adequate warning to operators of other vehicles. Advise the customer to check local governmental regulations concerning road transport of farm machinery.
- Advise the customer that the life expectancy of this or any other machine is dependent on the maintenance and care as described in the operator's manual.
- To the best of my knowledge, this grain cart has been delivered ready for field use and the customer has been fully informed as to the proper care and operation of same.

(Date Delivered)

(Signature of Delivery Person)

Checklists

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 operating season.

- Check with the customer as to the performance of the grain cart. Make certain the proper operating adjustments are understood.
- If possible, operate the grain cart to see that it is functioning properly.
- Acquaint the customer with any special attachment which will help do a better job.
- Go over the entire grain cart for loose or missing bolts.
- Check for broken or damaged parts.
- Check to see that all safety shields are in place.
- Check to see that recommended periodic lubrication has been performed.
- Review the operator's manual with the customer and stress the importance of proper lubrication and safety precautions.

Date _____

Signed _____

OWNER REGISTER

Name _____

Post Office _____

County _____ State _____

Serial No. _____

Date Sold _____

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Safety

OPERATE THE GRAIN CART SAFELY

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

AT6; B06;;14SA A 030284

TRANSPORT SAFELY

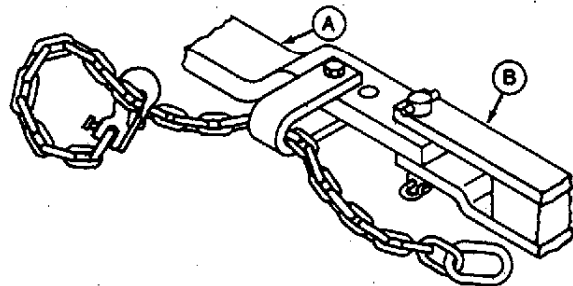
While transporting the grain cart on a public road, follow safety instructions outlined in Transporting section.

Use care when transporting across rough ground.

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USE A SAFETY CHAIN

A safety chain will help control drawn equipment (B) should it accidentally separate from the drawbar (A) 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.

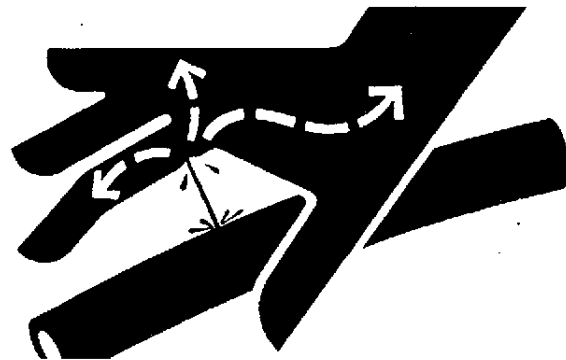


AB6;TS163 053;CHAIN. 290186

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. 290186

LUBRICATE THE GRAIN CART SAFELY

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

AT6; B06;;14SA C 030284

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.



A00;X7662 B04;;14SA I 100583

DO NOT MODIFY GRAIN CART

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

AT6; B06;;14SA D 030284

DISPOSE OF SPRAY CANS SAFELY

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

AT6; B06;;14SA E 030284

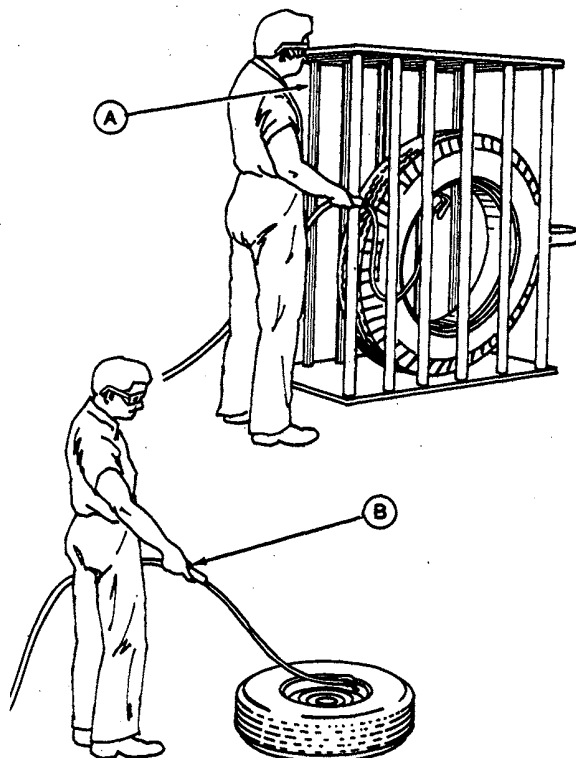
SERVICE TIRES SAFELY



CAUTION: 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.

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



AB6;TS123 053;TIRE1. 130586

USE IMPLEMENT WARNING LIGHTS

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.

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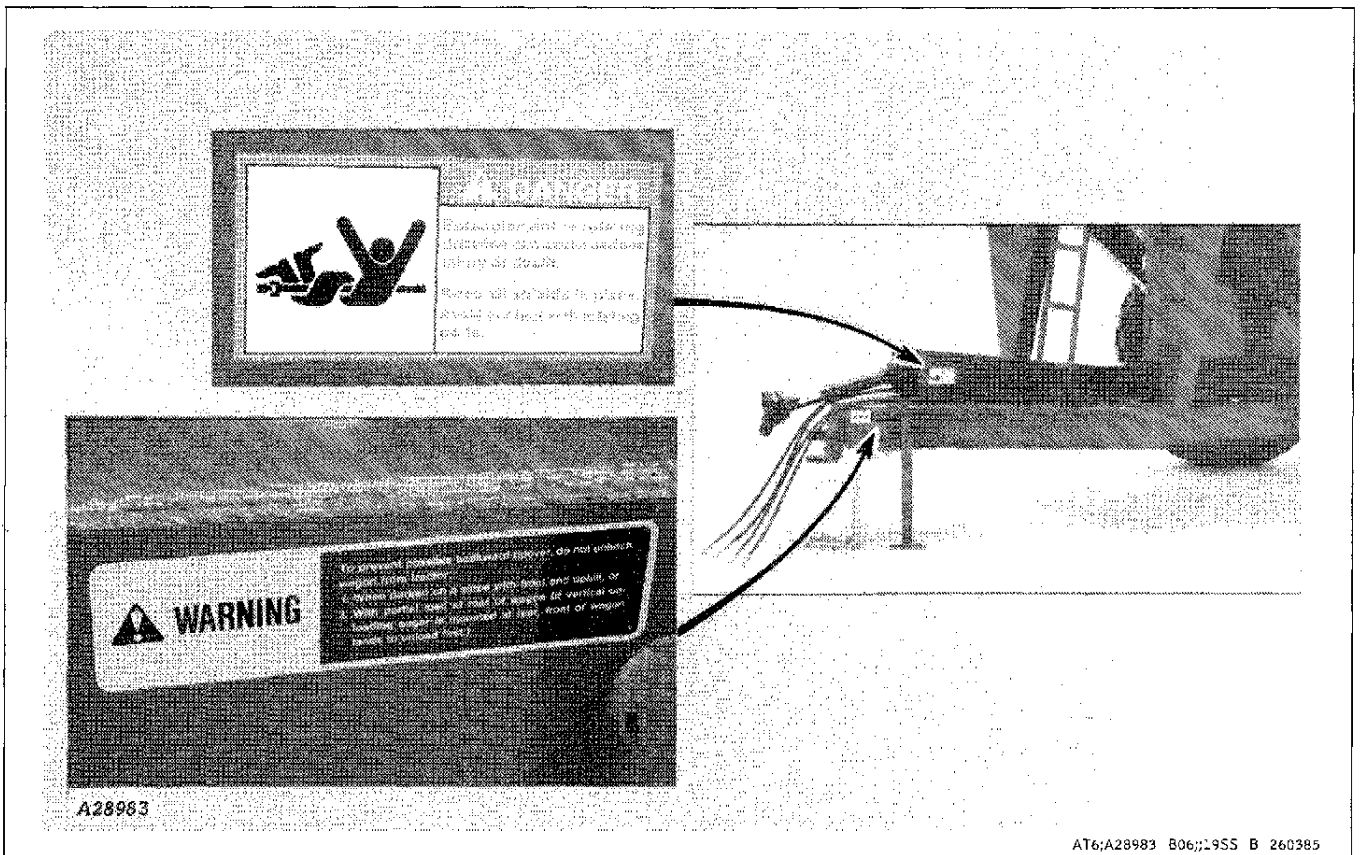
Safety Signs

READ SAFETY SIGNS CAREFULLY

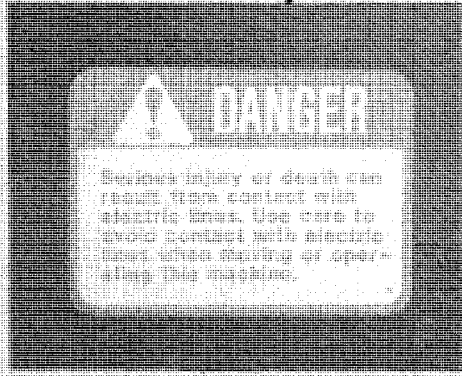
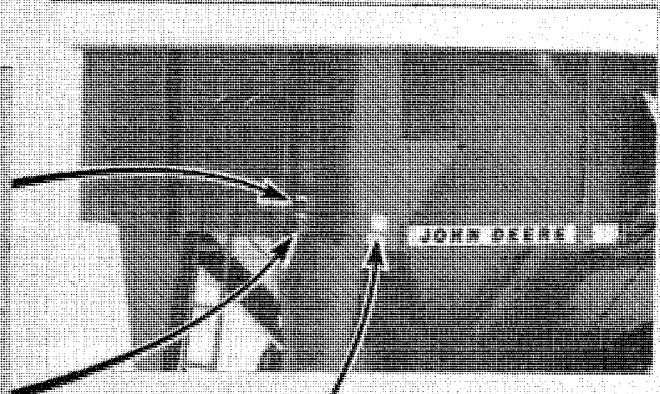
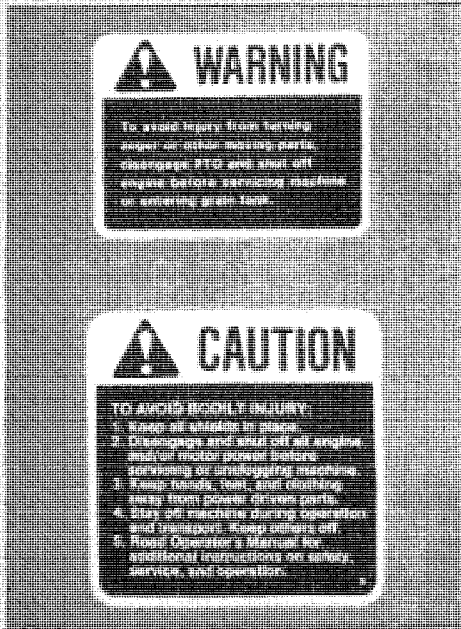
Carefully read and follow all CAUTION, DANGER, and WARNING safety signs.

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

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Safety Signs



A28984

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