

# **750 Two-Unit Hydraulic and Mechanical Hitches**

**John Deere Des Moines Works**  
**OMN200538 Issue A7**  
**(This manual replaces OMN200379 K4)**

LITHO IN 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 and safety signs on your machine may also be available in other languages. (See your John Deere dealer to order.)

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 given in both metric and customary U.S. unit equivalents. Use only correct replacement parts and fasteners. Metric and inch fasteners may require a specific metric or inch wrench.

RIGHT-HAND AND LEFT-HAND sides are determined by facing in the direction the implement will travel when going forward.

WRITE PRODUCT IDENTIFICATION NUMBERS (P.I.N.) in the Specification 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. File the identification numbers in a secure place off the machine.

WARRANTY is provided as part of John Deere's support program for customers who operate and maintain their equipment as described in this manual. The warranty is explained on the warranty certificate which you should have received from your dealer.

This warranty provides you the assurance that John Deere will back its products where defects appear within the warranty period. In some circumstances, John Deere also provides field improvements, often without charge to the customer, even if the product is out of warranty. Should the equipment be abused, or modified to change its performance beyond the original factory specifications, the warranty will become void and field improvements may be denied. Setting fuel delivery above specifications or otherwise overpowering machines will result in such action.

THE TIRE MANUFACTURER'S warranty applicable to your machine may not apply outside the U.S.

# Contents

	Page		Page
<b>Safety</b> .....	05-1	Overview—Transport-To-Field Procedure .....	35-2
		Convert From Transport-To-Field Position .....	35-4
<b>Preparing the Tractor</b>		<b>Mechanical Hitch—Transport Position</b>	
Prepare Tractor for Operation .....	10-1	Transport Position—In-Line .....	40-1
Steering Control Box—Hydraulic Hitch .....	10-2	Convert From Field-To-Transport Position .....	40-2
Adjusting Metering Valves		<b>Lubrication and Maintenance</b>	
55—60 Series Tractors .....	10-3	Lubricating and Maintaining Machine	
8000 Series Tractors .....	10-3	Safely .....	45-1
Lever Lock Clips		Grease .....	45-1
Using on 55—60 Series Tractors .....	10-3	Alternative and Synthetic Lubricants .....	45-2
Installing on 55—60 Tractors .....	10-4	Lubricant Storage .....	45-2
SCV II		Lubrication	
Using on 8000 Series Tractors .....	10-6	Beginning and End of Season .....	45-2
		Symbol .....	45-3
<b>Preparing the Hitch</b>		Lubricate	
Two-Unit Hydraulic Hitch		Hitch .....	45-3
Checking and Lubricating .....	15-1	Outer Arm Pivot .....	45-3
		Tongue Latch .....	45-3
<b>Attaching and Detaching</b>		Boom Latch .....	45-4
Attaching to Tractor		<b>Specifications</b>	
Hydraulic Hitch .....	20-1	Tractor Recommendations .....	50-1
Mechanical Hitch .....	20-1	Machine Dimensions—750 Two-Unit	
Attaching Mechanical Hitch to Tractor .....	20-1	Hydraulic Hitch .....	50-1
Attaching Hydraulic Hoses		<b>Crime Prevention Tips</b> .....	55-1
Hydraulic and Mechanical Hitches .....	20-2		
Detaching Drill From Tractor .....	20-3	<b>Index</b>	
<b>Hydraulic Hitch—Field Position</b>			
Field Position—Side-By-Side .....	25-1		
Convert to Field Position .....	25-2		
Level Drills Using Weight Transfer .....	25-5		
Operating the Machine .....	25-6		
<b>Hydraulic Hitch—Transport Position</b>			
Transport Position—In-Line .....	30-1		
Convert to Transport Position .....	30-2		
Using Transport Lock Pin .....	30-4		
<b>Mechanical Hitch—Field Position</b>			
Field Position—Side-By-Side .....	35-1		

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

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*Contents*

# Safety

## 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.

Follow recommended precautions and safe operating practices.



DX,ALERT -19-03MAR93

T81389 -UN-07DEC68

## UNDERSTAND SIGNAL WORDS

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

DANGER or WARNING safety signs are located near specific hazards. General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.



DX,SIGNAL -19-03MAR93

TS187 -19-30SEP88

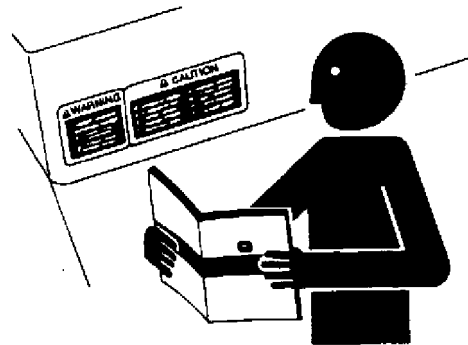
## FOLLOW SAFETY INSTRUCTIONS

Carefully read all safety messages in this manual and on your machine safety signs. Keep safety signs in good condition. Replace missing or damaged safety signs. Be sure new equipment components and repair parts include the current safety signs. Replacement safety signs are available from your John Deere dealer.

Learn how to operate the machine and how to use controls properly. Do not let anyone operate without instruction.

Keep your machine in proper working condition. Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.

If you do not understand any part of this manual and need assistance, contact your John Deere dealer.



DX,READ -19-03MAR93

TS201 -UN-23AUG88



## OPERATE SAFELY

Operate machine from tractor seat only.

Do not operate close to a ditch or creek.

Slow down when turning or traveling over rough ground.

Shut off tractor and shift to "Park" or set brakes when leaving tractor. Remove key when leaving tractor unattended.

NX,750HOMC,A1A -19-16OCT96

## KEEP RIDERS OFF MACHINE

Keep riders off.

Riders on machine are subject to injury such as being struck by foreign objects and being thrown off the machine. Riders also obstruct the operator's view resulting in the machine being operated in an unsafe manner.



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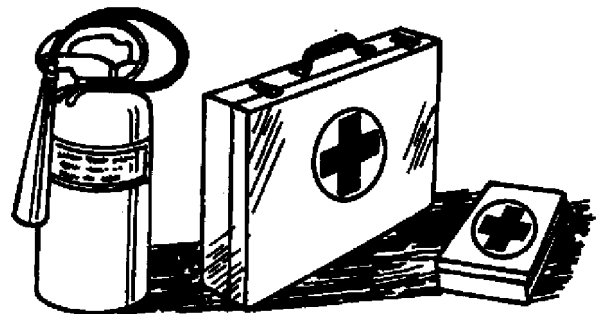
NX,750HOMC,A2A -19-16OCT96

## PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

Keep a first aid kit and fire extinguisher handy.

Keep emergency numbers for doctors, ambulance service, hospital, and fire department near your telephone.



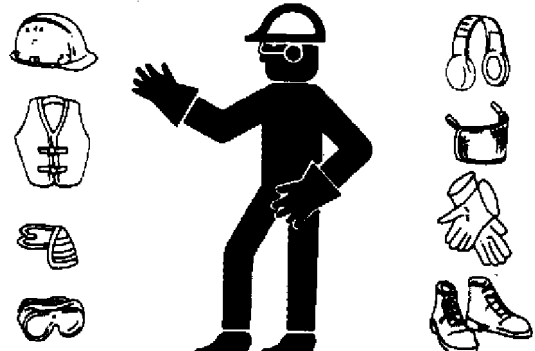
TS291 -UN-23AUG88

DX,FIRE2 -19-03MAR93

## WEAR PROTECTIVE CLOTHING

Wear close fitting clothing and safety equipment appropriate to the job.

Operating equipment safely requires the full attention of the operator. Do not wear radio or music headphones while operating machine.



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DX,WEAR2 -19-03MAR93



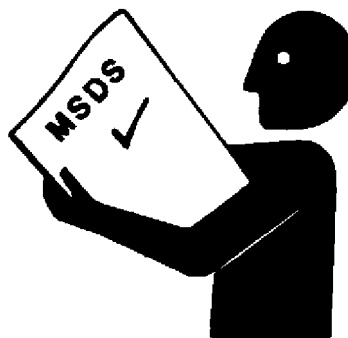
## HANDLE CHEMICAL PRODUCTS SAFELY

Direct exposure to hazardous chemicals can cause serious injury. Potentially hazardous chemicals used with John Deere equipment include such items as lubricants, coolants, paints, and adhesives.

A Material Safety Data Sheet (MSDS) provides specific details on chemical products: physical and health hazards, safety procedures, and emergency response techniques.

Check the MSDS before you start any job using a hazardous chemical. That way you will know exactly what the risks are and how to do the job safely. Then follow procedures and recommended equipment.

(See your John Deere dealer for MSDS's on chemical products used with John Deere equipment.)



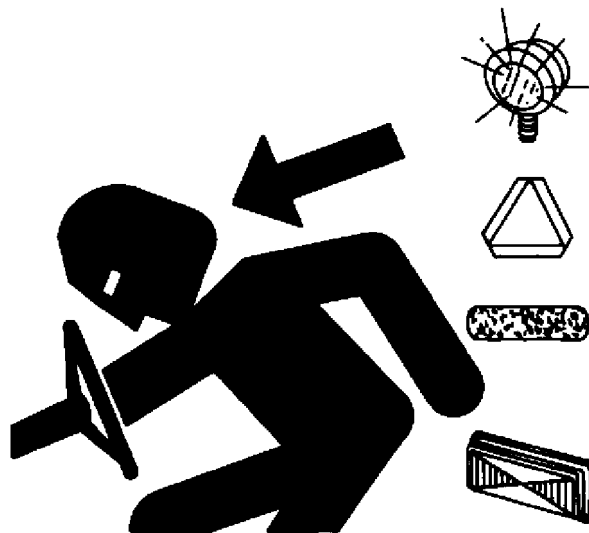
DX,MSDS,NA -19-03MAR93

TS1132 -UN-26NOV90

## USE SAFETY LIGHTS AND DEVICES

Prevent collisions between other road users, slow moving tractors with attachments or towed equipment, and self-propelled machines on public roads. Frequently check for traffic from the rear, especially in turns, and use hand signals or turn signal lights.

Use headlights, flashing warning lights, and turn signals day and night. Follow local regulations for equipment lighting and marking. Keep lighting and marking visible and in good working order. Replace or repair lighting and marking that has been damaged or lost. An implement safety lighting kit is available from your John Deere dealer.



DX,FLASH -19-12SEP95

TS951 -UN-12APR90

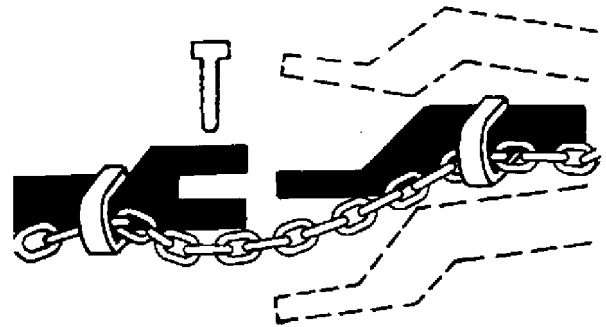


## USE A SAFETY CHAIN

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

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. Do not use safety chain for towing.



-UN-23AUG68  
TS217

DX,CHAIN -19-03MAR93

## TRANSPORT SAFELY

Shift tractor into lower gear when transporting down steep slopes or hills.

Make sure reflectors and SMV emblem are easily visible from rear.

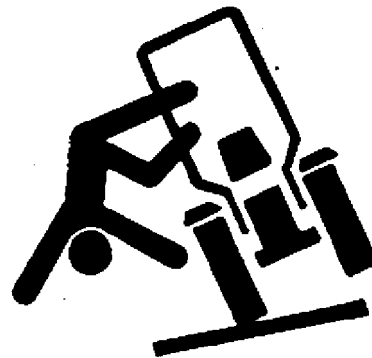
ALWAYS travel at a reasonable and safe speed. Refer to machine specifications, Tow Loads Safely (in this section) and tractor Operator's Manual to ensure that machine can be safely transported with your tractor. Do not exceed weight and speed guidelines shown in Tow Loads Safely.

Stop slowly.

Know the transport width for your machine.

Machine	Transport Width
Two-Unit Hydraulic Hitch	4.9 m (16.16 ft.)
Two-Unit Mechanical Hitch	4.7 m (15.25 ft.)

Always lock-up opener lift cylinders before transporting drill. Hydraulic failure can allow openers to fall rapidly.



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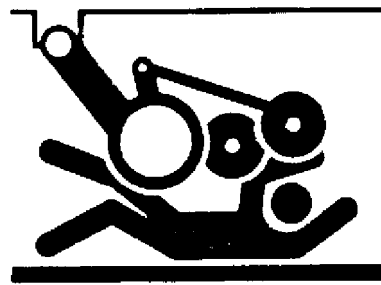
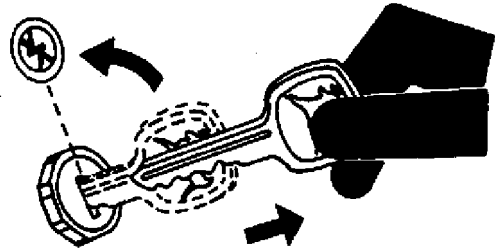
## SERVICE SAFELY

To help prevent personal injury caused by unexpected movement, be sure to service machine on level surface.

If machine is connected to tractor, engage parking brake and/or place transmission in "Park", shut off engine and remove key.

If machine is detached from tractor, block wheels and use safety stands to prevent movement.

Lock-up opener lift cylinders before performing any maintenance or adjustments under machine.



-UN-24MAY69

TS230

-UN-06OCT88

N399645

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