

620, 720 and 725 Loaders

John Deere Welland Works
OMW43427 Issue C5
(This manual replaces OMW40665 Issue I3)

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 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.



620 Loader

-JUN-08/JUL-92

W000691

WX.W43427,IFC -19-06FEB95

Introduction



720 Loader

W00692 -UN-08JUL92



725 Loader

W00693 -UN-08JUL92

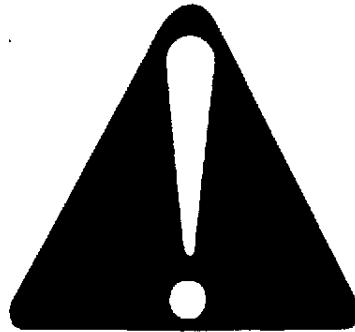
WX,W43427.ID -19-06FEB95

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

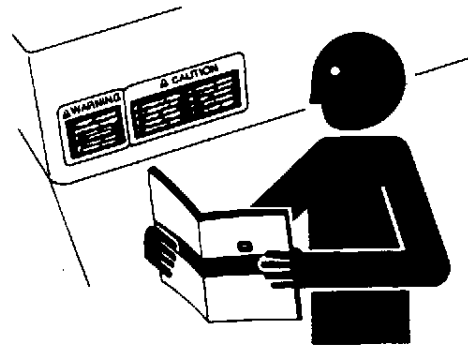
FOLLOW SAFETY INSTRUCTIONS

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



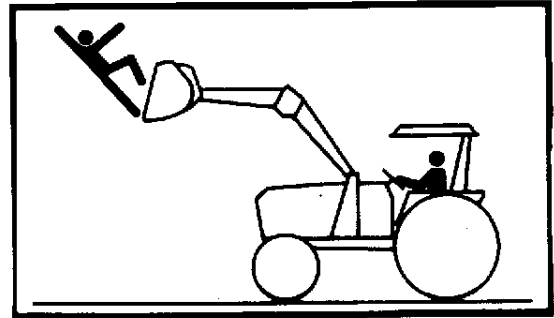
PROTECT PEOPLE AND ANIMALS

Never allow anyone to walk or work under a raised loader.

Be sure that people, livestock, or pets are not standing near the machine while operating.

Do not use the loader for a work platform.

Do not lift or carry anyone on loader or in bucket or attachment.



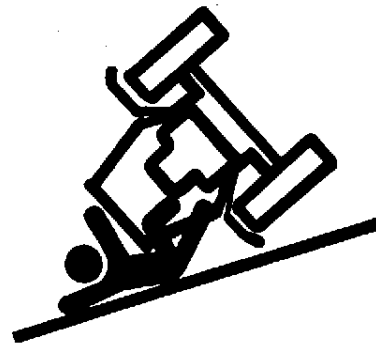
WX,520,SY,1 -19-21FEB92

W00284 -UN-04DEC91

AVOID INJURY OR DEATH FROM ROLLOVER ACCIDENTS

To avoid rollovers:

- Be careful when operating on a slope.
- Avoid holes, ditches and obstructions which may cause tractor and loader to tip over.
- Balance loads so weight is evenly distributed and load is stable.
- Carry loads close to the ground to aid visibility and lower center of gravity.
- Know capacity of loader. Do not overload.
- Reduce speed before turning. Avoid sharp turns.



WX,520,SY,2 -19-21FEB92

RW13093 -UN-07DEC88

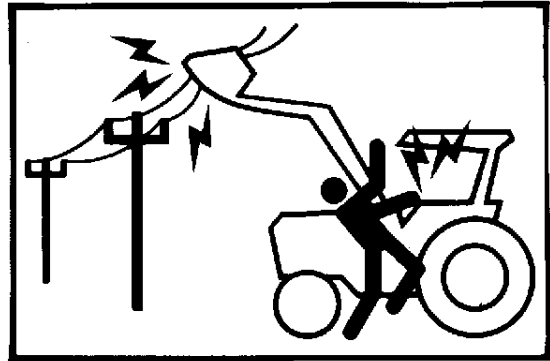


AVOID POWER LINES

Serious injury or death can result if tractor or loader contacts electric lines.

Check height clearance before raising loader.

Do not leave the operator's seat if any part of tractor or loader contacts lines.



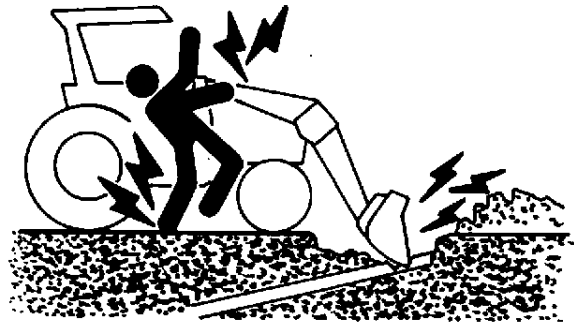
WX,520,SY,3 -19-21FEB92

W00225 -UN-05DEC91

DIG SAFELY

Before digging, check location of cables, gas lines and water mains.

Do not leave the operator's seat if any part of tractor or loader contacts cables.



WX,520,SY,4 -19-21FEB92

W00272 -UN-04DEC91

DETACH LOADER SAFELY

Detach the loader on a hard, level surface.

Before disconnecting hydraulic hoses, relieve all hydraulic pressure.



WX,520,SY,5 -19-21FEB92

W14000 -UN-05OCT88



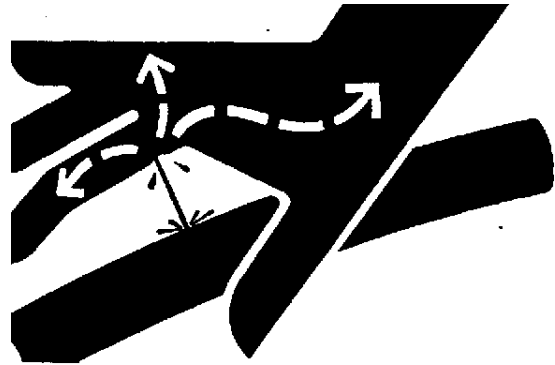
AVOID HIGH-PRESSURE FLUIDS

Escaping fluid under pressure can penetrate the skin causing serious injury.

Avoid the hazard by relieving pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure.

Search for leaks with a piece of cardboard. Protect hands and body from high pressure fluids.

If an accident occurs, see a doctor immediately. Any fluid injected into the skin must be surgically removed within a few hours or gangrene may result. Doctors unfamiliar with this type of injury should reference a knowledgeable medical source. Such information is available from Deere & Company Medical Department in Moline, Illinois, U.S.A.



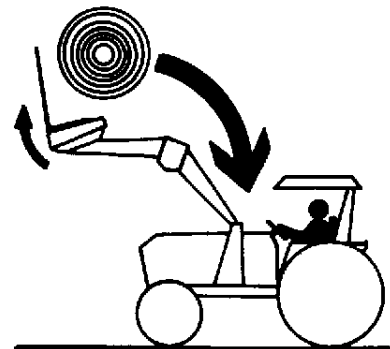
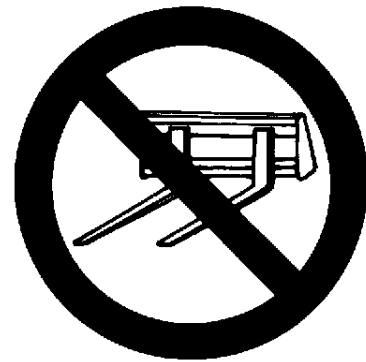
X9811 -UN-23AUG88

DX,FLUID -19-03MAR93

AVOID INJURY OR DEATH FROM FALLING ROUND BALES

To help prevent personal injury or death caused by falling loads:

- DO NOT handle round bales unless loader is equipped with approved bale handling attachments. Otherwise, the bale can fall on the operator when the loader is raised.
- Lockout optional valve detents.
- Handle raised loads with caution.
- Carry loads low and drive slowly.



W00286 -UN-04DEC91

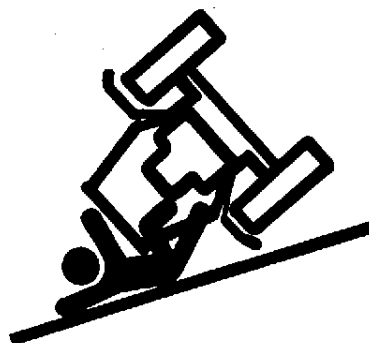
WX,520,SY,6 -19-21FEB92



AVOID INJURY OR DEATH FROM ROLLOVER ACCIDENTS

To help prevent personal injury or death caused by rollover accidents when handling round bales:

- Equip the tractor with a rollover protective structure (ROPS). Wear your seat belt.
- DO NOT exceed the following round bale weight limitations:



Loader Model	Grapple	Attachment Hugger	Fork
620 . .	450 kg (1000 lb)	450 kg (1000 lb)	680 kg (1500 lb)
720 . .	900 kg (2000 lb)	900 kg (2000 lb)	900 kg (2000 lb)
725 . .	900 kg (2000 lb)	900 kg (2000 lb)	900 kg (2000 lb)

- Be sure tractor tire spacing and rear ballast is correct before using loader.
- Stop loader gradually when lowering or lifting loads.
- When handling round bales on a slope, always approach the bale with the tractor facing uphill.

WX,620,SY,7 -19-24JUL92

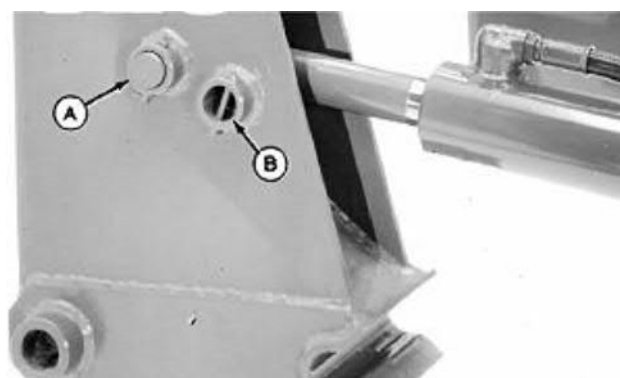
RW13093 -UN-07DEC88

USE CORRECT LIFT CYLINDER POSITION

There are two lift cylinder positions:

- Use hole (A) 6000 and 7000 Series Tractors.
- Use hole (B) for 20, 30, 40, 50 and 55 Series Tractors.

6000 and 7000 Series Tractors have higher hydraulic operating pressures. Moving the cylinder to position (B) will increase the lift capacity of the loader beyond the safe limit. This excess lift capacity could result in tractor instability causing tractor rollover and personal injury or death.



WX,620,SY,7A -19-24JUL92

W00687 -UN-08JUL92

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