



110 LOADER



JOHN DEERE

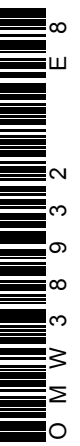
OPERATORS MANUAL

110 LOADER

OMW38932 E8 English

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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.

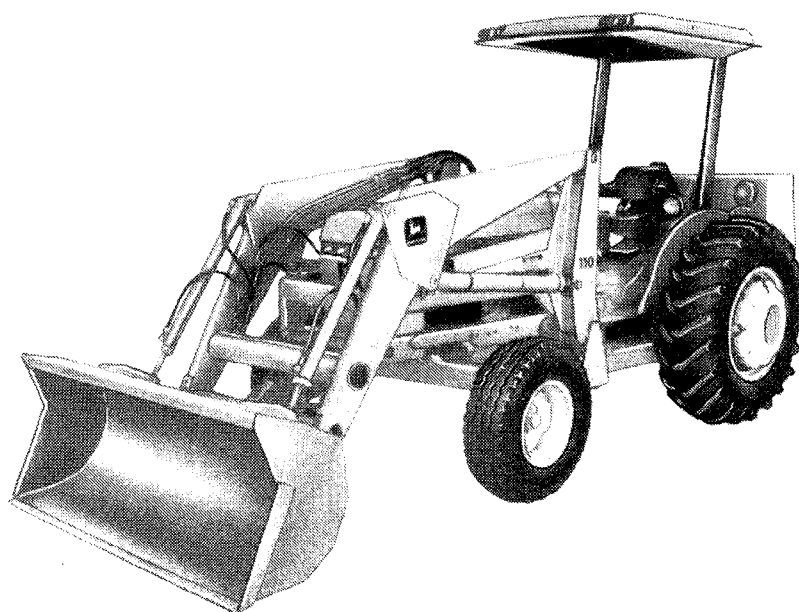
Right-hand and left-hand sides are determined by facing in the direction the implement will travel when going forward.

Write product 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.

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 supplied with your machine may not apply outside the U.S.



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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1DA;W13937 W01;W38932 IFC 060488

W50-IFC 3 060488

Checklists

DELIVERY

The following list is a reminder of important information that should be explained to the customer.

- Safe operation and service.
- Loader controls and operation.
- Lubrication.

- Give the customer the operator's manual. Encourage the customer to read it.

Signature: _____

Date: _____

W01;;5PD B 241186

AFTER-SALE

The following items should be checked sometime during the first six months of loader operation. Check off each item as found satisfactory or correction is made.

- Check for loose or missing hardware. Mounting frame hardware is tightened to correct torque.
- Check for broken or missing parts. Repair as necessary.
- Hydraulic hoses and connections do not leak.

- Transmission/hydraulic oil level is correct.
- If possible, operate the loader. Loader should respond correctly to controls.
- All decals are fastened and legible.

Signature: _____

Date: _____

W01;;5PD C 241186

OWNER REGISTER

Name _____

Model _____

Address _____

Serial Number _____

City _____

Date Sold _____

State/Prov _____

Mail Code _____

W01;;12PD -C 221286

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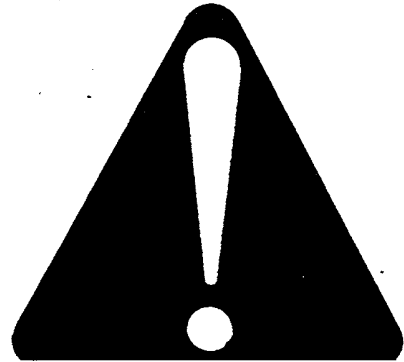
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Safety

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.



AB6;T81389 053;ALERT 160687

UNDERSTAND SIGNAL WORDS

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

Safety signs with signal word DANGER or WARNING are typically near specific hazards.

General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.



▲WARNING

▲CAUTION

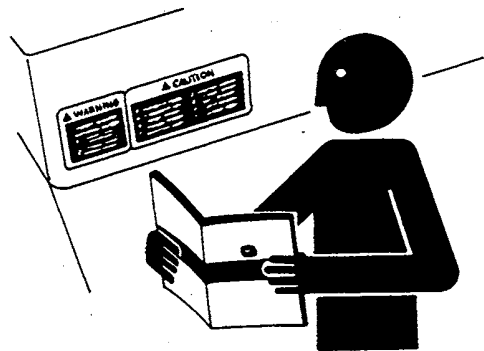
AB6;TS187 053;SIGNAL 071085

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.

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.



AB6;TS201 053;READ 230487

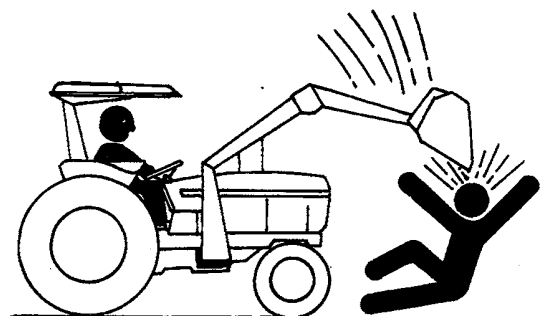
PROTECT PEOPLE AND ANIMALS

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.



1DA;W14235 W01;;5SY -B 290388



OPERATE LOADER SAFELY

Improper use of loader can cause serious injury or death.

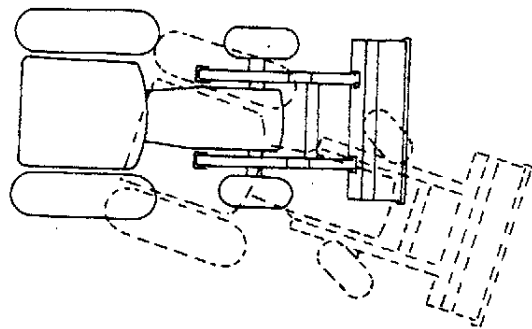
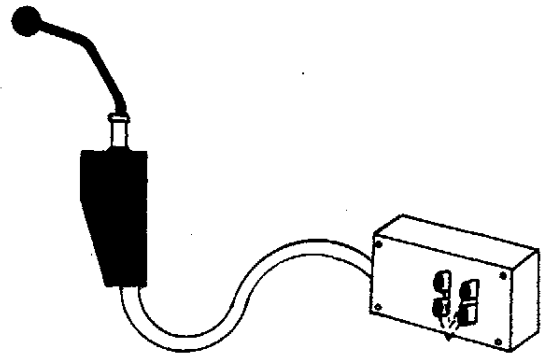
Become familiar with controls.

Operate loader from operator's seat only. Remain at controls until operating cycle is complete.

Use particular care when working on inclines and hillsides.

Avoid holes, ditches, and obstructions which may cause tractor/loader to tip.

Allow for additional length of loader on tractor while turning.



7CA;W11377 W11378 W01;;5SY -C 141267

CARRY MATERIALS SAFELY

Be sure anyone operating the loader is aware of safe operation and potential hazards.

Do not exceed lift capacity of loader.

Carry load low at all times.

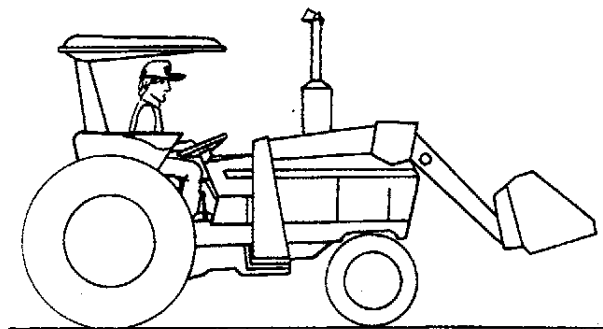
Stop loader gradually when lowering or lifting loads.

To help prevent loss of control, do not use "FLOAT" position to lower loader.

Avoid handling loose or shiftable loads.

Reduce tractor ground speed when traveling over rough ground or when making turns.

Drive slowly through gates and doors.



7CA;W11380 W01;;5SY -E 141287

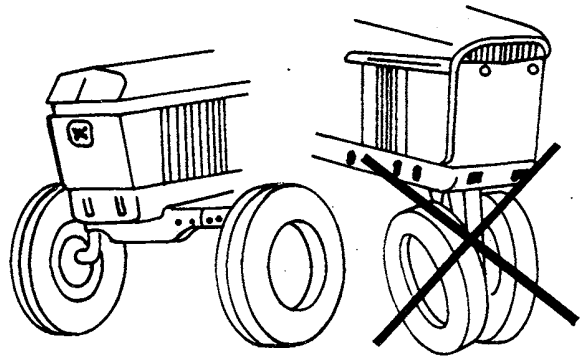


HELP PREVENT ROLL-OVERS

Do not use tractor with Roll-O-Matic front end, single, or double front wheels.

Use recommended rear ballast for stability.

Use widest rear wheel tread setting to maximize stability.

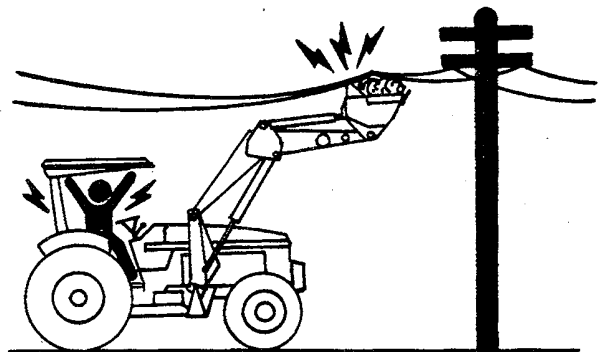


7CA;W11379 W01;;5SY F. 180786

AVOID POWER LINES

Serious injury or death can result from contact with electric lines. Use care to avoid contact with electric lines when moving or operating the loader.

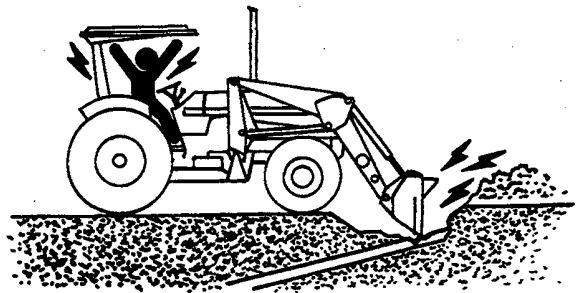
Beware of lift clearance when raising loader to maximum height.



1DA;W14321 W01;;1SY -E 310388

DIG SAFELY

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



1DA;W14322 W01;;1SY -F 231287

DETACH LOADER SAFELY

Detach the loader on a hard, level surface.

Before disconnecting hydraulic hoses, relieve all hydraulic pressure.



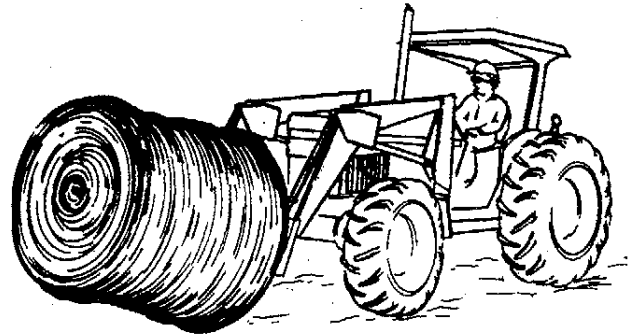
1DA;W14000 W01;;1SY -A 010388



HANDLE ROUND BALES SAFELY

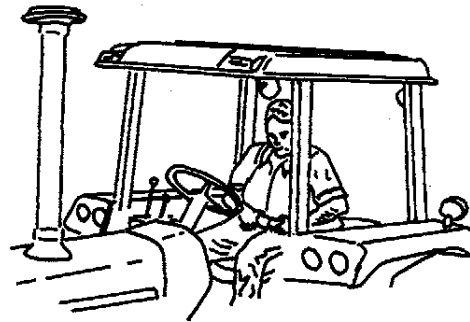
Handling round bales can be hazardous, to help prevent personal injury, do not handle round bales without approved John Deere Round Bale Handling attachments.

Improper use of loaders to handle round bales can result in serious injury or death to the tractor/loader operator. This could be caused by the bale rolling back down the loader into the operator's station.



To attain optimum stability and visibility:

- do not handle bales that exceed the bale weight limitations of the loader
- carry the bale slowly and as low as possible to the ground
- operate the loader controls smoothly, avoiding jerky operation
- when handling round bales on a slope, always approach the bale with the tractor facing uphill
- never use the tractor/loader to stop a rolling bale



To help prevent handling and stability problems:

—DO NOT exceed the following round bale weight limitations:

110	3 cyl tractor	450 kg (1000 lbs)
	4 cyl tractor	680 kg (1500 lbs)

—Equip the tractor with a roll-over protective structure (ROPS).

—Adjust rear tread width and add specified rear ballast per wheel. See Selecting Rear Tread and Adding Rear Ballast in Preparing The Tractor section.

1DA;W13999 W13:30 W01;1SY -B 231287

KEEP RIDERS OFF MACHINE

Only allow the operator on the machine. Keep riders off.

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



AB6;TS213 053;RIDER 160687

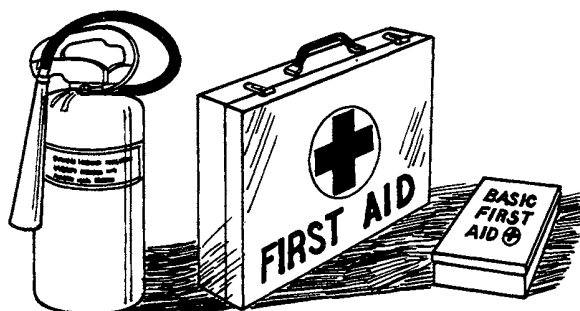


PREPARE FOR EMERGENCIES

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.



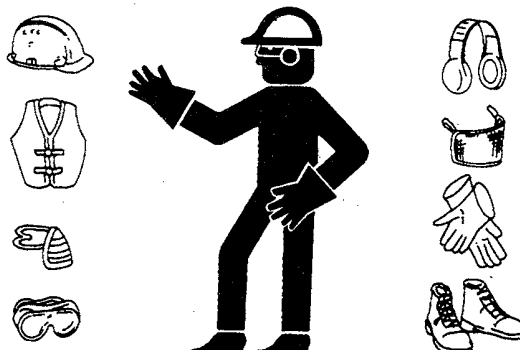
AB6;TS186 053;FIRE2 080785

WEAR PROTECTIVE CLOTHING

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

Prolonged exposure to loud noise can cause impairment or loss of hearing.

Wear a suitable hearing protective device such as earmuffs or earplugs to protect against objectionable or uncomfortable loud noises.



AB6;TS206 053;WEAR 230487

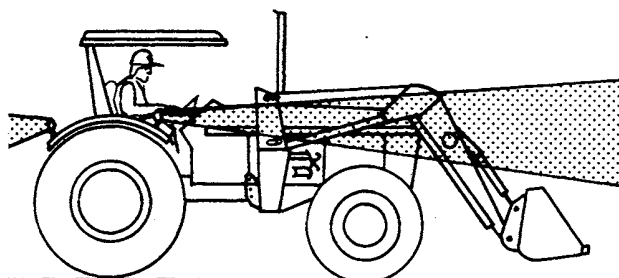
DRIVING ON PUBLIC ROADS

Do not allow the loader or load being carried to impair visibility. Carry loader at a low position.

Drive slowly if carrying materials. Rough conditions may cause material to spill.

Avoid carrying over-width materials.

Loader makes a large arc when turning. Reduce speed.



7CA;W11385 W01;SSY J 271086

USE SAFETY LIGHTS AND DEVICES

When transporting your machine on a road or highway at night or during the day, use necessary safety lights. Check local governmental regulations. A safety lighting kit is available from your John Deere dealer.

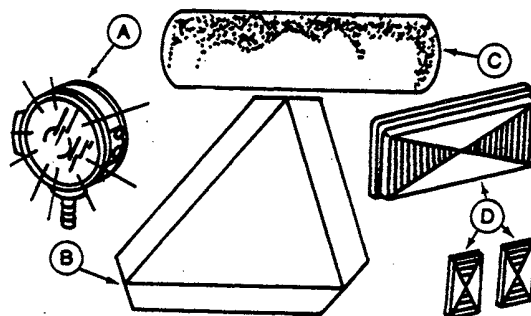
Keep safety items in good condition. Replace missing or damaged items.

A—Lights

B—Slow Moving Vehicle Emblem

C—Reflector Tape

D—Reflectors



AB6;N36564 053;WARN 070188



PRACTICE SAFE MAINTENANCE

Understand service procedure before doing work.

Never lubricate or service machine while it is moving. Keep hands, and feet from under moldboard. Disengage all power and operate controls to relieve pressure. Lower equipment to the ground.

Securely support any machine elements that must be raised for service work.

Keep all parts in good condition and properly installed. Fix damage immediately. Replace worn or broken parts. Remove any buildup of grease, oil, or debris.

Disconnect battery ground cable (-) before welding on machine.

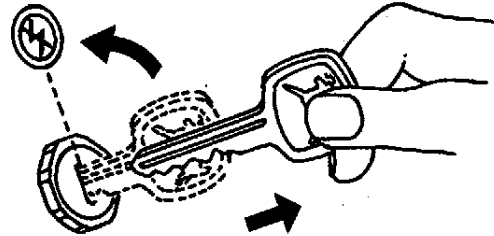


AB6;TS218 W02;;3SY -J 231187

SERVICE LOADER SAFELY BUCKET ON GROUND

Always engage parking brake or place transmission in "PARK", lower load to the ground, shut off engine, and remove key before servicing the loader.

Before disconnecting hydraulic hoses, relieve all hydraulic pressure.

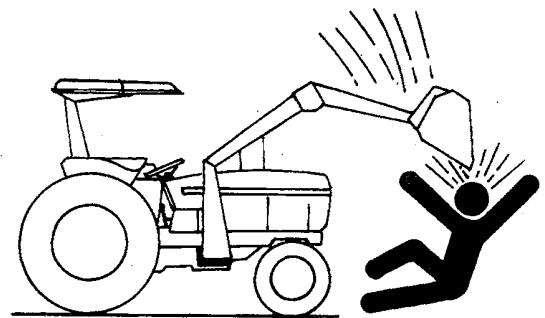
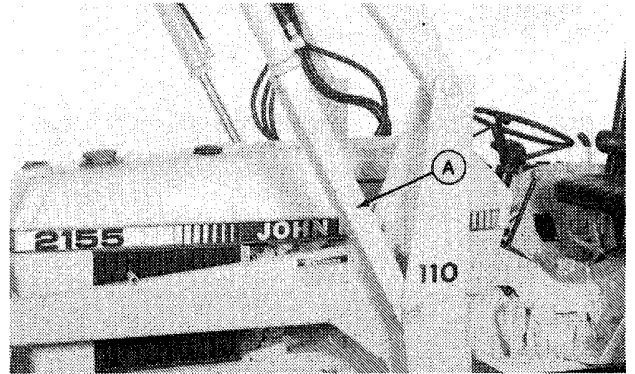


7CA;W9765 W01;;1SY -C 141287



SERVICE LOADER SAFELY LOADER RAISED

When servicing machine with loader arms raised, use boom support (A). Failure to follow this procedure can result in serious injury or death if the loader arms are lowered by accident.

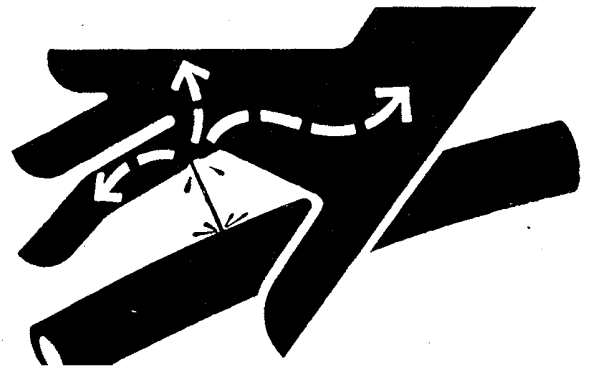


1DA;W14192 W14236 W01;;1SY -D 290388

AVOID HIGH-PRESSURE FLUIDS

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

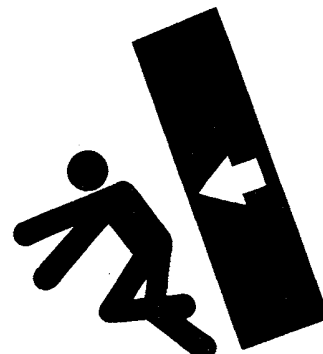


AB6;X9811 053;FLUID 180987

STORE ATTACHMENTS SAFELY

Stored attachments such as dual wheels, cage wheels, and loaders can fall and cause serious injury or death.

Securely store attachments and implements to prevent falling. Keep playing children and bystanders away from storage area.



AB6;TS219 053;STORE 120487

Buy Now



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