

# **575 Skid-Steer Loader**

**John Deere Horicon Works  
OMM79634 Issue J0  
(This manual replaces OMM71794 E6)**

LITHO IN U.S.A.  
ENGLISH

# Introduction

THANK YOU for purchasing a John Deere product.

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.

WRITE PRODUCT IDENTIFICATION NUMBERS in the Identification Numbers 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 on this machine is on the warranty certificate which you should have received from your dealer when making your purchase. 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.



M38304  
-UN-18SEP90

MX,IFC4,79634 -19-18SEP90

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*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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A John Deere ILLUSTRATION Manual

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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.



DX,ALERT -19-04JUN90

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 -19-04JUN90

TS187 -19-30SEP88

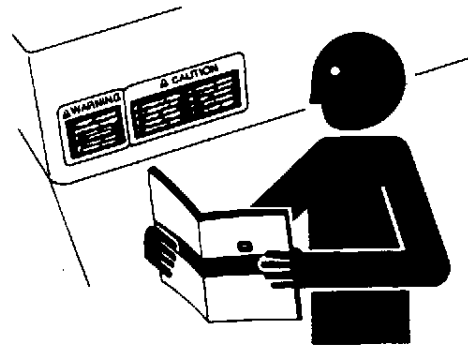
## FOLLOW SAFETY INSTRUCTIONS

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 -19-04JUN90

TS201 -UN-23AUG88



## PROTECT CHILDREN

Keep children and others away when you operate machine.

Do not let children operate loader.

Before you back up or turn, look behind and around skid-steer loader for children.

Do not let children ride on loader or any attachment.



M38805 -UN-28APR89

MX,SAU,D -19-18SEP90

## REMEMBER THE OTHER GUY

Do not use a bucket or attachment for a work platform or personnel carrier.

Do not move loads over the heads of other persons.



IM61937 -UN-23FEB89

MX,SAW,B -19-18SEP90

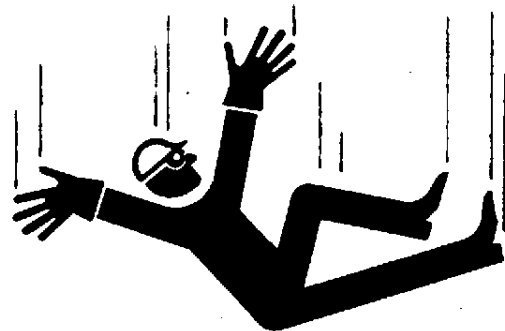
## USE HANDHOLDS AND STEPS

Maintain a three-point contact with steps and handrails and face machine when getting on or off machine. Do not use controls as handholds.

Do not jump on or off machine or dismount a moving machine.

Be careful of slippery platforms, steps and handrails.

Lower bucket to ground, apply brake and stop engine before you dismount.



IM61935 -UN-23FEB89

MX,SAW,A -19-18SEP90

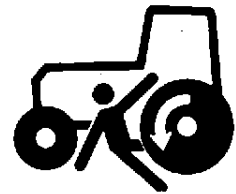
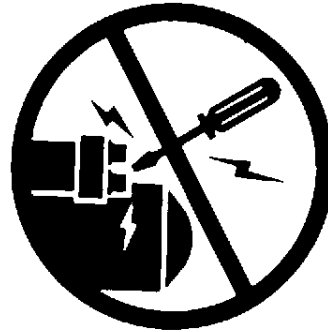


## PREVENT MACHINE RUNAWAY

Avoid possible injury or death from machinery runaway.

Do not start engine by shorting across starter terminals. Machine will start in gear if normal circuitry is bypassed.

NEVER start engine while standing on ground. Start engine only from operator's seat, with transmission in neutral or park.



DX,BYPAS1 -19-04JUN90

TS177  
-UN-11JAN89

## USE SEAT BELT PROPERLY

Use a seat belt when you operate with a roll-over protective structure (ROPS) or cab to minimize chance of injury from an accident such as an overturn.

Do not use a seat belt if operating without a ROPS or cab.



DX,ROPS1 -19-24AUG90

TS205  
-UN-23AUG88



## OPERATE LOADER SAFELY

Carry load as low as possible.

Do not operate loader from any position other than the operator's seat with the seat belt fastened.

Before you start engine, be sure all operating controls are in neutral.

Do not operate engine in a closed building without adequate ventilation.

Do not operate the loader without windows and/or screens in place.

Drive slowly on rough ground.

Pull loads only from rear hitch yoke. Limit loads to those you can safely control.

Operate only with approved attachments and accessories.

Do not carry more than the maximum SAE rated operating load limit.



M38807 -UN-25APR89

MX,SAW,B1 -19-18SEP90



## AVOID HAZARDS

Do not work under overhangs, electric wires, or where there is danger of a slide.

Loader may tip or roll over if you do not operate it carefully. Tipping or rolling may cause serious injury.

Do not drive where machine could slip or tip. Avoid steep hillside operation.

Stay alert for holes, rocks, and roots in the terrain, and other hidden hazards that may cause loader to tip over. Keep away from drop-offs.

Slow down and be very careful on slopes and in turns to prevent tipping or loss of control. Be especially cautious when you change direction on slopes.

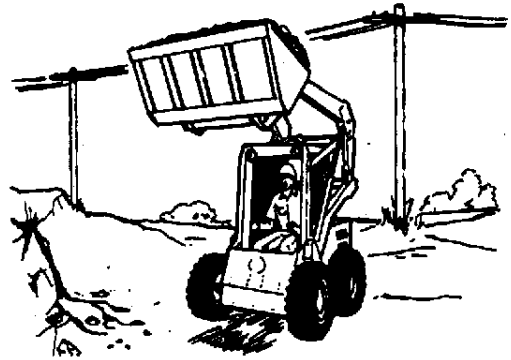
Do not start or stop suddenly when you travel uphill or downhill.

If engine stops during operation, lock park brake immediately to keep loader from rolling. Then start engine.

If engine stops as you travel uphill:

- Lock park brake.
- Start engine.
- Back down slowly.

Avoid crushing an arm or leg by reaching out of cab when lift arms are raised. Keep arms and legs inside of cab during operation.



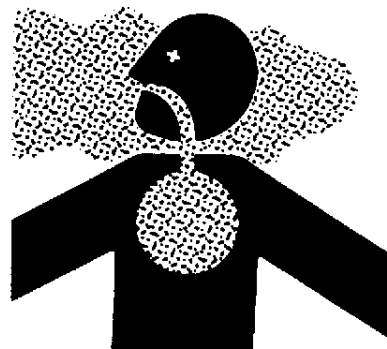
M38906 -UN-25APR89

MX,SAU,E -19-18SEP90

## WORK IN VENTILATED AREA

Engine exhaust fumes can cause sickness or death. If it is necessary to run an engine in an enclosed area, remove the exhaust fumes from the area with an exhaust pipe extension.

If you do not have an exhaust pipe extension, open the doors and get outside air into the area.



T5220 -UN-23AUG88

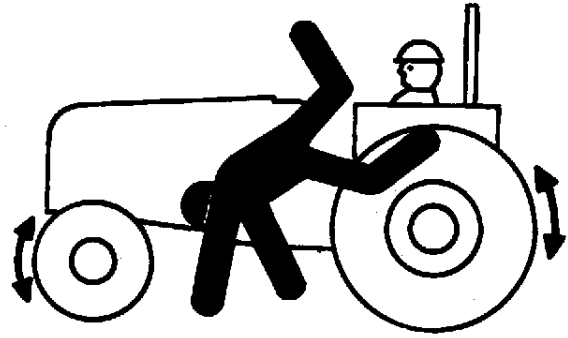
DX,AIR -19-04JUN90



## 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.



DX,RIDER -19-04JUN90

TS290  
-UN-23AUG88

## HANDLE FUEL SAFELY—AVOID FIRES

Handle fuel with care: it is highly flammable. Do not refuel the machine while smoking or when near open flame or sparks.

Always stop engine before refueling machine. Fill fuel tank outdoors.

Prevent fires by keeping machine clean of accumulated trash, grease, and debris. Always clean up spilled fuel.



DX,FIRE1 -19-04JUN90

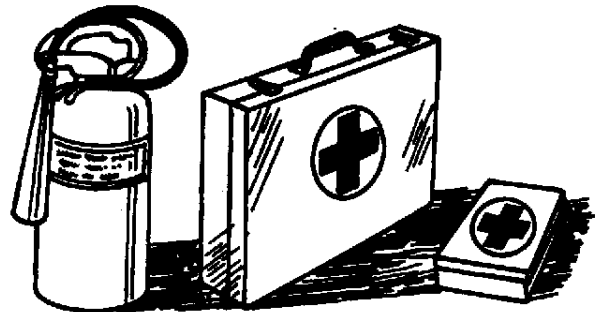
TS202  
-UN-23AUG88

## 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.



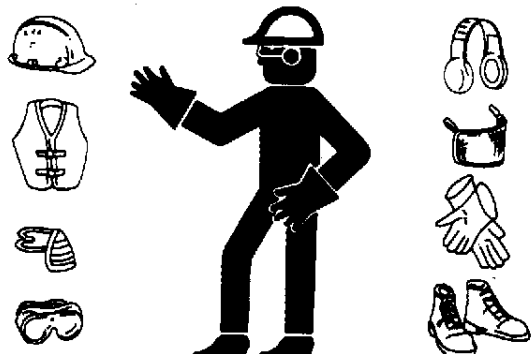
DX,FIRE2 -19-04JUN90

TS291  
-UN-23AUG88

## 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.



DX,WEAR2 -19-10SEP90

TS206  
-UN-23AUG88



## PROTECT AGAINST NOISE

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.



DX.NOISE -19-04JUN90

TS207 -UN-23AUG88

## PRACTICE SAFE MAINTENANCE

Understand service procedure before doing work. Keep area clean and dry.

Never lubricate or service machine while it is moving. Keep hands, feet, and clothing from power-driven parts. Disengage all power and operate controls to relieve pressure. Lower equipment to the ground. Stop the engine. Remove the key. Allow machine to cool.

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 making adjustments on electrical systems or welding on machine.



DX.SERV -19-04JUN90

TS218 -UN-23AUG88



## SERVICE LOADER SAFELY

Do not work under lift arms unless they are resting on lift arm stops.

Before you work on loader or any attached equipment:

- Lower attachments to ground, or
- Rest lift arms on lift arm stops.

Lower lift arms all the way and stop engine before you install or remove attachments.

Before you make repairs or adjustments, stop the engine.

Do not change engine governor settings or overspeed engine.

Keep the loader and attachments in good operating condition.

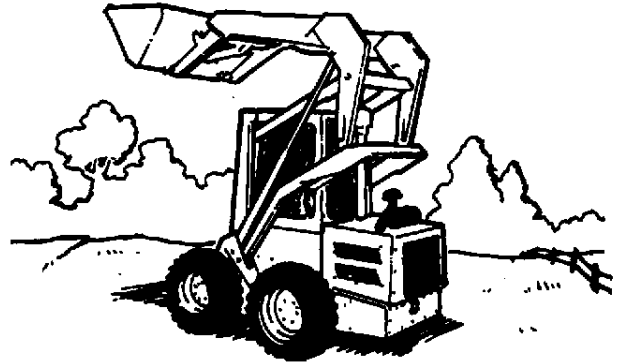
Keep safety devices in place and in working condition.

Keep all nuts, bolts, and screws tight so equipment is in safe working condition.

Before you work on any part of the engine, stop the engine, and let it cool. Hot engine parts can burn skin on contact.

Do not run engine unless park brake is locked.

Be careful to prevent clothing, jewelry, or long hair from getting caught in the fan blades, belts or any other moving parts.



M38809 -UN-25APR89

MX,SAW,B2 -19-18SEP90



## REMOVE PAINT BEFORE WELDING OR HEATING

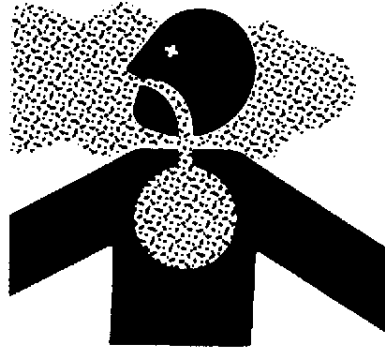
Avoid potentially toxic fumes and dust.

Hazardous fumes can be generated when paint is heated by welding, soldering, or using a torch.

Do all work outside or in a well ventilated area. Dispose of paint and solvent properly.

Remove paint before welding or heating:

- If you sand or grind paint, avoid breathing the dust. Wear an approved respirator.
- If you use solvent or paint stripper, remove stripper with soap and water before welding. Remove solvent or paint stripper containers and other flammable material from area. Allow fumes to disperse at least 15 minutes before welding or heating.



DX,PAINT -19-04JUN90

TS220 -UN-23AUG68

## AVOID HEATING NEAR PRESSURIZED FLUID LINES

Flammable spray can be generated by heating near pressurized fluid lines, resulting in severe burns to yourself and bystanders. Do not heat by welding, soldering, or using a torch near pressurized fluid lines or other flammable materials.

Pressurized lines can be accidentally cut when heat goes beyond the immediate flame area. Install fire resisting guards to protect hoses or other materials.



DX,TORCH -19-04JUN90

TS953 -UN-15MAY90



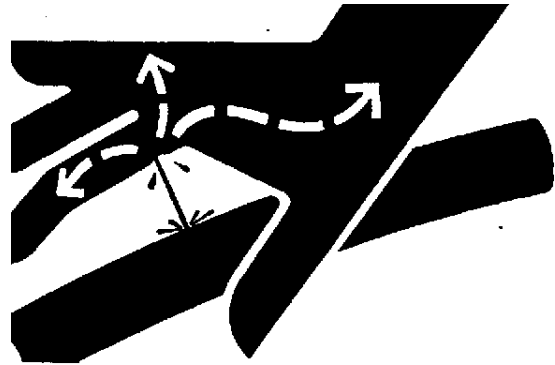
## AVOID HIGH-PRESSURE FLUIDS

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 may call the Deere & Company Medical Department in Moline, Illinois, or other knowledgeable medical source.



DX,FLUID,NA -19-11JUN90

X9811 -UN-23AUG88

## SERVICE COOLING SYSTEM SAFELY

Explosive release of fluids from pressurized cooling system can cause serious burns.

Shut off engine. Only remove filler cap when cool enough to touch with bare hands. Slowly loosen cap to first stop to relieve pressure before removing completely.



DX,RCAP -19-04JUN90

TS281 -UN-23AUG88

## DRAIN GASOLINE WHEN STORING MACHINE

Gasoline stored in fuel tank can explode.

Never store equipment with gasoline in the tank inside a building where fumes may reach an open flame or spark.

Always drain gasoline from fuel tank and carburetor bowl when storing machine. Allow engine to cool before storing.



DX,STORE2 -19-26JAN90

TS227 -UN-23AUG88

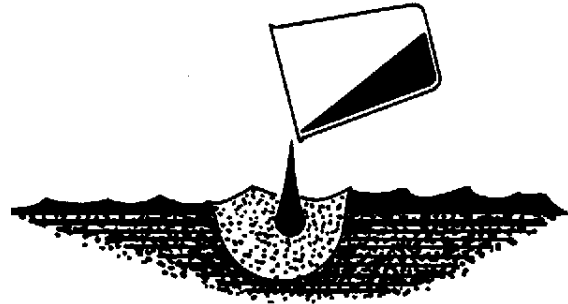


## DISPOSE OF FLUIDS PROPERLY

Improperly disposing of fluids can harm the environment and ecology. Before draining any fluids, find out the proper way to dispose of waste from your local environmental agency.

Use proper containers when draining fluids. Do not use food or beverage containers that may mislead someone into drinking from them.

DO NOT pour oil into the ground, down a drain, or into a stream, pond, or lake. Observe relevant environmental protection regulations when disposing of oil, fuel, coolant, brake fluid, filters, batteries, and other harmful waste.



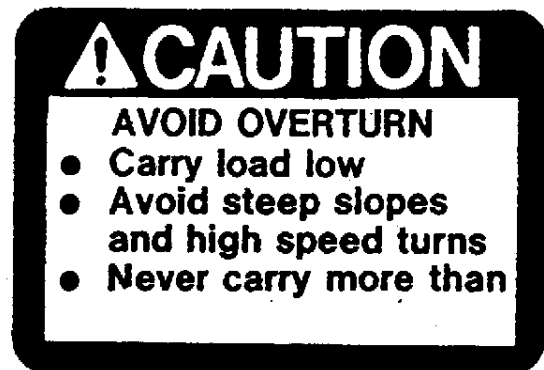
DX,DRAIN -19-05JUN90

TS222 -UN-23AUG68

## READ SAFETY SIGNS

Read and follow all safety signs on your machine. Keep safety signs in good condition. Replace missing or damaged signs.

*NOTE: Standard machine operating load is 1500 lbs (680 kg). Construction package equipped machine operating load is 1700 lbs (771 kg). See Specifications section.*



*Inside Left of Cab Frame*

MX,SAW,C -19-18SEP90

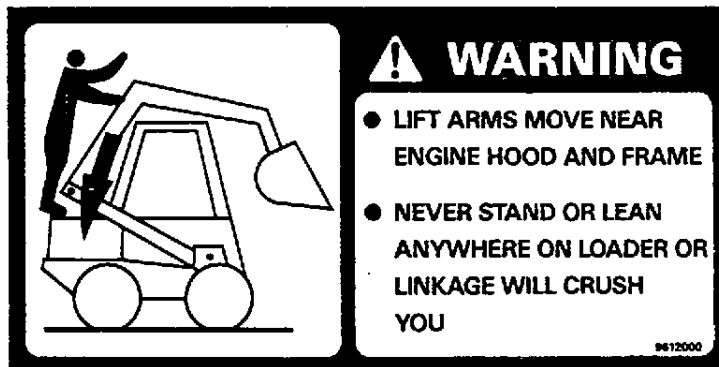
IM41122 -19-10JAN69



*Inside Right of Cab Frame*

MX,SAW,D -19-18SEP90

M62456 -19-20APR89



*On Engine Hood*

M62458 -19-20APR89

M62458

MX,SAW,E -19-18SEP90



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Inside Left of Cab Frame

MX,SAW,F -19-18SEP90

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On Bucket Lift Cylinder

MX,SAW,G -19-18SEP90

M62459 -19-20APR89



On Radiator Support

MX,SAW,H -19-18SEP90

M39470 -19-16DEC88

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