

6500 and 6600 Self-Propelled Sprayers

(P.I.N. NO6500X008149)
(P.I.N. NO6600X000101)



JOHN DEERE

OPERATORS MANUAL

6500 and 6600 Self-Propelled Sprayers (P.I.N.
NO6500X008149) (P.I.N. NO6600X000101)

OMN200552 Issue J7 English

John Deere Des Moines Works

OMN200552 Issue J7

(This manual replaces OMN200552 Issue C7)

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 of forward travel.

WRITE PRODUCT IDENTIFICATION NUMBERS (P.I.N.) in the Specification or 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. 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.

CALIFORNIA PROPOSITION 65 WARNING

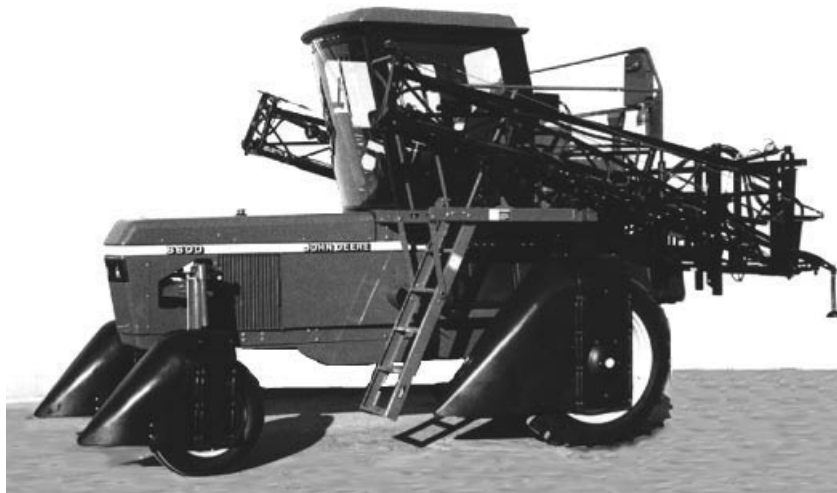
Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.

Machine Identification



N45637 -UN-05NOV93

6500 Self-Propelled Sprayer



N47678 -UN-23JAN97

6600 Self-Propelled Sprayer

NX,6566ID,A1 -19-27AUG97

Machine Identification

Contents

	Page		Page
Safety	05-1	Adjusting	
Safety Signs	10-1	Steering Column Tilt and Wheel Height . . .	25-13
Chassis	15-1	Air Suspension Seat	25-14
Supplemental Information	15-1	Armrest Height, Backrest Angle and Lumbar Support	25-14
Ladder Operation		Using Dome Light	25-15
Ladder Switches	20-1	Replacing Dome and Console Bulbs	25-15
Cab, Controls, Indicators, Gauges and Lights		Operating Highway and Field Lights	25-15
Steering Column	25-1	Replacing Halogen Headlight	25-16
Travel Brakes	25-1	Adjusting Headlight Aim	25-16
Fold Mode Switch		Replacing	
Front Fold Boom Only	25-1	Field and Flood Lamps	25-17
Parking Brake	25-2	Warning and Tail Lights	25-18
Roof Mounted Controls and Components . . .	25-3	Using	
Indicators and Gauges	25-3	Travel Brakes	25-18
Side Console Switches and Controls	25-4	Brake Latch	25-19
Using Convenience Outlet	25-5	Parking Brake	25-19
Replacing Fuses	25-5	Opening Window	25-20
Identifying Fuses		Adjusting Rear View Mirrors	25-20
Cab Mounted	25-6	Turn Signal and Horn Switches	25-21
Engine Mounted	25-7	Replacing Signal Indicator Light Bulbs . . .	25-21
Using Blower	25-8	Program Display Module	25-22
Adjusting Air Outlets Vents	25-8	Tachometer, Speedometer, Hour Meter and Solution Pressure Monitor	25-23
Using Heater	25-9	Indicator	
Replace Primary Filter Element	25-9	Display Panel	25-24
Removing Recirculating Air Filter	25-9	Stop and Caution	25-24
Cleaning Cab Filters	25-10	Normal	25-25
Using Air Conditioner	25-11	Park	25-25
Air Conditioning High-Pressure Indicator . . .	25-11	Hydraulic Oil Temperature	25-26
Adjusting Air Conditioner Compressor		Air Filter	25-26
Belt	25-12	Engine Oil Pressure	25-27
Checking Refrigerant Charge	25-12	Engine Coolant Temperature Indicator and Gauge	25-28
Using Windshield Wiper	25-12	Fuel Gauge	25-28
Replacing Radio Fuse	25-13	Battery Charge Gauge (Voltmeter)	25-29
		Replacing Indicator and Gauge Lights	25-29
		Hydro Lever	25-31
		Warning Alarms	25-32

Continued on next page

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.

OMN200552 J7-19-27AUG97

COPYRIGHT© 1997
DEERE & COMPANY
Moline, Illinois
All rights reserved
A John Deere ILLUSTRATION® Manual
Previous Editions
Copyright 1996 Deere & Company

	Page		Page
Operating		Troubleshooting Engine	30-33
Side Console Switches	25-33	Driving the Machine	
Key Switch	25-33	Safe Transport and Towing Procedures	35-1
Throttle Lever	25-33	Keep Riders Off Machine	35-1
Auxiliary Hydraulic Function	25-34	Sprayer	
Engine and Related Systems		Driving	35-2
Checking		Stopping	35-3
Engine Oil Level	30-1	Parking	35-3
Coolant Level	30-1	Transporting	35-4
Filling Fuel Tank	30-1	Towing the Machine	
Checking		Safe Transport and Towing Procedures	40-1
Fuel Shut-Off Valve	30-2	Prepare Boom for Transport	
Hydrostatic and Hydraulic Oil Level	30-2	Front Fold Boom	40-1
Prevent Machine Runaway	30-3	Rear Fold Boom—14.3 and 18.3 M (47 and 60 Ft.)	40-3
Priming Fuel System	30-3	Towing Machine	40-5
Starting Engine	30-4	Fuels and Lubricants	
Engine		Fuels	45-1
Warming	30-7	Diesel Engine Oil	45-2
Idling	30-7	Engine Break-In Oil	45-3
Stopping	30-8	Hydrostatic and Hydraulic Oils	45-4
Using Starting Fluid		Avoid High-Pressure Fluids	45-5
In Cold Weather (Two Person Operation)	30-8	Prevent Hydraulic System Contamination	45-5
Remove Access Covers	30-9	Final Drives	45-6
Battery		Grease	45-6
Servicing	30-11	Hydraulic Brake Fluid	45-7
Clean and Inspect	30-11	Lubricant Storage	45-7
Charging	30-12	Alternative and Synthetic Lubricants	45-7
Preventing Damage	30-12	Oil Filters	45-8
Using Booster	30-13	Waste Oil	45-8
Do Not Modify Fuel System	30-13	Wheels, Tires and Tread Settings	
Bleeding Fuel System	30-14	Service Tires Safely	50-1
Replace Fuel Filter Element	30-16	Check Tire Pressure	50-1
Clean		Tires	50-2
Radiator Side Screens	30-16	Torque Wheel Hardware	50-3
Radiator, Condenser and Oil Cooler	30-17	Using Tread Width Adjustment Wrench	50-3
Engine Coolant	30-20	Adjusting Rear Wheel Tread	
Winterize Cooling System	30-21	Manual Adjust (Standard and Wide Width 6500 and 6600)	50-4
Adjusting Alternator Belt	30-23	Hydraulic Adjust (Standard Width 6500 and 6600)	50-7
Safeguarding Alternator and Regulator	30-23	Adjusting Rear Wheel Tread	
Adjusting Air Conditioner Compressor Belt	30-24	Manual Adjust (Narrow Width 6600)	50-10
Sliding Solution Tank Back	30-24	Hydraulic Adjust (Narrow Width 6600)	50-13
Adjusting Main Drive Belt	30-29		
Service Engine Air Cleaner	30-30		
Element			
Cleaning	30-31		
Washing	30-31		
Inspecting	30-32		

Continued on next page

Contents

	Page		Page
Adjusting Front Wheel Tread		Basic Monitor Set-Up—Continued	
Standard Wide and Wide Fixed (128 In.)		Speed Calibration Calculation	75-9
Axles	50-16	Meter Calibration Conversion	75-10
Narrow Width 6600 Only	50-18	Units of Measure and Speed Sensor	
Wide Axle Toe-In		Setting.	75-11
Check	50-20	Boom Width Calibration	75-12
Adjust	50-20	Speed Calibration	75-13
Steering Cylinder		Meter Calibration	75-13
Check and Adjust	50-21	Valve Calibration	75-14
Cushion Front Wheel Adjustment—6500		Adjusting Target Application Rate for	
Only	50-22	Band Sprayers	75-15
Discarded Tires	50-22	Programming Monitor—Application Rate	
Troubleshooting Chassis		Calibration	75-16
Hydrostatic Drive	55-1	Understanding Self-Test Feature	75-17
Hydraulic System	55-3	Clearing Stored Data From Monitor	75-18
Operator's Cab	55-4	Advanced Operation—Low Flow Limit and	
Digital Display Machine Monitoring		Alarm	75-18
System	55-7	Setting In-Tank Volume/Remaining Tank	
Electrical System and Brakes	55-8	Volume	75-19
Wet Systems	60-1	Setting Time of Day Clock	75-19
Wet System Description and Theory		ERC Pre-Operation Checklist	75-20
Avoid Contact with Pesticides	65-1	Activating Monitor Data-Lock	75-20
Solution System Description	65-3	Changing or Deactivating Data-Lock	
Wet System Controls		Code	75-21
Operating Side Console Switches	70-1	Programming Monitor with Activated	
Setting Solution Pressure Alarm	70-1	Data-Lock	75-22
Hydro Lever	70-2	Advanced Operation	
Solution System Indicators	70-2	Valve Cal Customizing	75-22
Spray Solution Monitor and Control	70-3	Speed Change/Start-Up Compensation	
Foam Marker Control	70-3	Digit	75-23
Low Flow Rate	70-3	Valve Speed Digit	75-23
Preparing and Operating ERC Monitor		Brake Point Digit	75-24
Identifying Spray Monitor Displays and		Dead Band Digit	75-24
Keys	75-1	Changing Power Down Delay Feature	75-25
Monitor Display Features	75-2	Electromagnetic Interference (EMI)	75-26
Monitor Display Readout Units	75-3	Troubleshooting Electronic Rate Control	
Monitor Set-Up		Monitor	75-27
U.S. Units of Measure	75-4	Nozzles	
Metric Units of Measure	75-5	Nozzle Selection	80-1
U.S. to Metric Conversions	75-5	Types	80-2
Basic Monitor Set-Up		Flat Fan	80-2
Unit of Measure and Speed Sensor	75-7	Even Spray	80-3
Boom Section Calculation	75-8	Hollow Cone	80-4
		Flood	80-5
		Using Nozzle Tip Calculator and Selector	80-6
		Nozzle Cross Reference	80-7
		Checking and Replacing Worn Nozzles	80-8

Continued on next page

Contents

	Page		Page
Cleaning		Wet System Maintenance	
Quick-Attach Nozzle Bodies and Check Valves	80-9	Use John Deere Tank Cleaner and Equipment Protector	105-1
Stainless Steel or Brass Nozzles and Check Valves	80-10	Cleaning Solution System	105-2
Nozzle Bodies and Check Valves—Front Fold Boom	80-11	Clean Flow Meter	105-3
Hardi Triplet Nozzle Bodies and Check Valves—Front Fold Boom	80-12	Troubleshooting Wet System	110-1
Installing and Positioning Nozzle Tips and Strainers	80-13	Booms	115-1
Choosing Nozzle Check Valves	80-13	Rear Fold Booms	
Triplet Nozzle Holders (Front Fold Booms Only)	80-14	Rear Fold Boom	
Install Drop Nozzles (Front-Fold Boom)	80-14	Preparing Center Frame for Attachment to Lift Arms	120-1
Installing Row-Crop Drops—Rear-Fold Booms (Attachment)	80-16	Attaching Rear Fold Boom	
Nozzle Conversion Kits	80-16	14.3 and 18.3 M (47 and 60 Ft.) Booms	120-2
Solution Tank		Hydraulic Hose Diagram	
Filling Solution Tank		47 Ft. Rear Fold Boom	120-6
Without Quick-Fill Attachment	85-1	60 Ft. Rear Fold Boom	120-7
With Quick-Fill Attachment	85-2	Unfolding Rear Fold Boom	
Priming Solution Pump	85-2	14.3 and 18.3 M (47 and 60 Ft.) Booms	120-8
Clean Solution Strainers	85-4	Leveling Boom Sections to Center Frame	
Mixing Solution in Tank—6500 Sprayer	85-4	14.3 M (47 Ft.) Rear Fold Boom	
Operating Agitation System—6600 Sprayer	85-5	w/Hydraulic Leveling	120-11
Clean Water Tank	90-1	14.3 M (47 Ft.) Rear Fold Boom w/o Hydraulic Leveling	120-11
Foam Markers		Adjusting Rear Fold Boom	
Use John Deere Foam and Marking		Boom Angle—18.3 M (60 Ft.)	120-12
Chemicals	95-1	Hinge Contact Point—18.3 M (60 Ft.)	120-12
Filling Tank	95-2	Row Spacing	120-12
Operation	95-4	Preparing Rear Fold Boom for Transport	
Operating	95-6	14.3 and 18.3 M (47 and 60 Ft.) Booms	120-13
Cleaning Tank Filter	95-6	Detaching Booms	120-16
Cleaning Mixing Filters and Screens	95-7	Front Fold Boom	
Repair Tubes	95-7	Front Fold Boom	
Replace Compressor Fuses	95-7	Attaching	125-1
Troubleshooting System	95-8	Hydraulic Hose Diagram	
Operating Wet System		Front Folding Boom	125-5
Calibrating Sprayer	100-1	Unfolding Front Fold Boom	125-6
Conversion Factors	100-2	Tighten Hardware	125-7
Checks Before Operating	100-3	Adjustment and Maintenance Intervals	125-8
Drift Management	100-4	Adjusting Fold Lockout—Front Fold Boom	125-9
Operating in the Field	100-4	Checking/Adjusting Sprocket Timing	125-11
		Aligning	
		Wing Assemblies	125-12
		Intermediate and Outer Boom Sections	125-12

Continued on next page

Contents

	Page		Page
Adjusting		Check Final Drive Oil Level—Frist 50	
Front Fold Cable	125-13	Hours	135-15
Breakaway Clutch Tension	125-14	Clean Radiator Condenser/Oil Cooler—50	
Level Cylinders	125-14	Hours	135-15
Floating Frame Pivot	125-15	Lubricate	
Boom Transport Position	125-15	Solution Pump Bearings	135-18
Rear Cable—Front Fold Boom	125-16	Solution Belt Idler	135-19
Equalizer Cables	125-17	Drain Fuel Filter—200 Hours	135-19
Replacing Chain—Front Food Boom	125-18	Change Engine Oil/Filter—200 Hours	135-20
Adjusting Row Spacing—Front Fold		Prevent Acid Burns	135-21
Boom	125-18	Prevent Battery Explosions	135-21
Preparing for Transport	125-18	Clean and Inspect Battery—200 Hours	135-22
Detaching Front Fold Boom	125-19	Check Cushioned Wheel End Oil Level	
Detaching Booms	125-20	(Wide Axle)—250 Hours	135-22
Boom Strainers and Lines		Change Hydrostatic/Hydraulic Oil and	
Boom Supply Line Strainers	130-1	Filters—400 Hours	135-22
Clean Solution Strainers—Daily	130-1	Replace Fuel Filter Element—Every Year	135-23
Repairing Solution Leaks	130-2	Clean Engine Vent Tube—Every Year	135-24
Lubrication and Maintenance		Repack Wheel Bearings—Every Year	135-24
Lubrication Symbols	135-1	Lubricate Driveshaft U-Joint—Every Year	135-24
Waste Oil	135-1	Lubricate Brake Pedal Pivots—Every	
Discarded Tires	135-2	Year	135-25
Service Intervals	135-3	Change Power Wheel Oil—Every Year	135-25
Clean Radiator Side Screens—Daily	135-4	Clean or Replace Cab Filters—Every	
Check Fluid Levels—Daily	135-4	Year	135-25
Lubricate Single Wheel Pivot		Clean Flow Meter—Every Year	135-26
Points—Daily (6500 Only)	135-5	Clean Steering Filter—Every Year	135-26
Lubricate Front Folding Boom—Daily	135-5	Check Brake Pad Wear—Every Year	135-26
Lubricate Breakaway Clutch and Boom		Lubricate Tread Extend Cylinders—2000	
Hinge Daily—Front-Fold Boom	135-7	Hours	135-27
Grease Center Frame Skid Plates—Front		Replace Engine Coolant—Every Two	
Folding Boom	135-8	Years	135-27
Lubricate Fold Chain/Sprocket—Front		Troubleshooting	
Folding Boom	135-8	Engine	140-1
Clean Solution Strainers—Daily	135-9	Hydrostatic Drive	140-6
Clean Foam Tank Filter—Daily	135-10	Hydraulic System	140-8
Clean Foam Marker Mixing		Spraying System	140-9
Filters/Screens—50 Hours	135-10	Operator's Cab	140-10
Tighten Hardware—Front Fold Boom	135-11	Digital Display Machine Monitoring	
Lubricate Wide Front Axles—50 Hours	135-11	System	140-13
Check Brake Fluid Level—50 Hours	135-11	Spray Solution Monitoring System	140-14
Lubricate Rear Fold Boom Hinges	135-12	Foam Marker System	140-17
Service Engine Air Cleaner—50 Hours	135-13	Electrical System and Brakes	140-18
Cleaning Element	135-14	Storage	
Washing Element	135-14	Recommended Storage Kit/Corrosion	
Inspecting Element	135-15	Inhibitor	145-1
		Clean Vehicle of Hazardous Pesticides	145-1

Continued on next page

Contents

	Page
Use John Deere Tank Cleaner and Equipment	
Protector	145-2
Cleaning Solution System	145-3
Preparing Machine for Storage	145-4
Preparing Engine for Storage	145-6
Remove Engine from Storage	145-8
Remove Machine from Storage	145-9
Specifications	
Bolt and Cap Screw Torque Values	
Metric	150-1
Unified Inch	150-2
Flat Face O-Ring Seal Fitting Torque	
Chart	150-3
Machine Specifications	150-4
Dimensions	
Single Wheel 6500	150-9
Wide Axle 6500	150-10
6600	150-11
Standard 6500 and 6600	150-12
Standard 4-Wheel 6500 and 6600	150-13
6600 (With Narrow Rear Drops)	150-14
6600 (With Narrow Front Axle)	150-14
Identification Numbers	150-15
Declaration of Conformity	150-16
Crime Prevention Tips	155-1

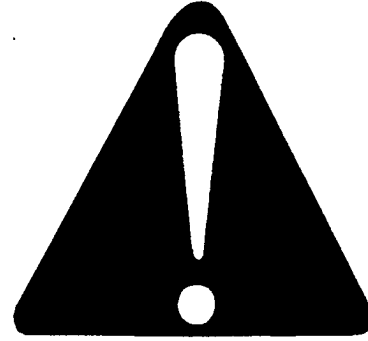
Index

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-07DEC88

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

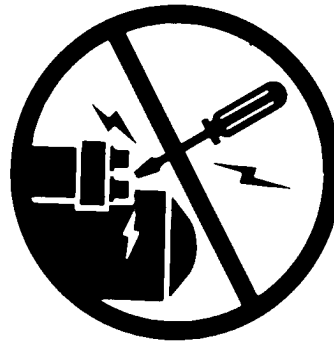


PREVENT MACHINE RUNAWAY

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 -19-03MAR93

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 -19-03MAR93

TS205 -UN-23AUG88

OPERATE SAFELY

DO NOT start engine with hydro lever engaged.

DO NOT operate close to a ditch or creek.

DO NOT fold or unfold boom near overhead wires.

Apply both brakes evenly when making emergency stops and come to a complete stop before reversing directions.

Drive slowly over rough ground.

Slow down when turning.

Always shut off engine and engage parking brake when leaving machine. Remove key when leaving machine unattended.

Keep hands, feet and clothing away from moving parts.

Wear relatively tight and belted clothing to prevent from being caught on some part of the machine.

Always engage hydro lever slowly and be prepared to disengage it if the front wheel begins to raise.

Avoid narrow tread setting when possible.

Keep the center of gravity low by keeping the solution tank full and by keeping the boom as low as possible.

If stuck in soft ground or a hole, back the machine out rather than trying to drive out straight ahead.

NX,6500C,A2A -19-28JUN96



BEWARE OF EXHAUST FUMES

Prevent asphyxiation. Engine exhaust fumes can cause sickness or death.

If you must operate in a building, be positive there is adequate ventilation. Either use an exhaust pipe extension to remove the exhaust fumes or open doors and windows to bring enough outside air into the area.



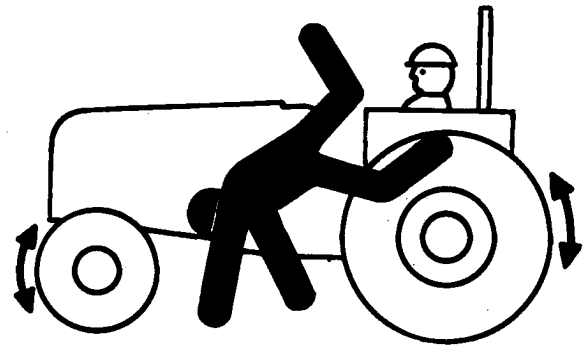
NX,6500C,A7 -19-29SEP92

TS220 -UN-23AUG88

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.

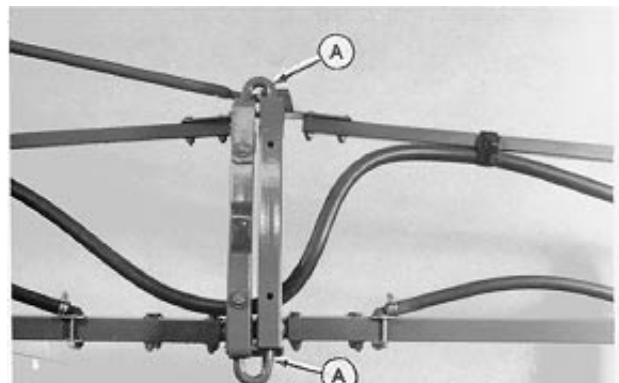
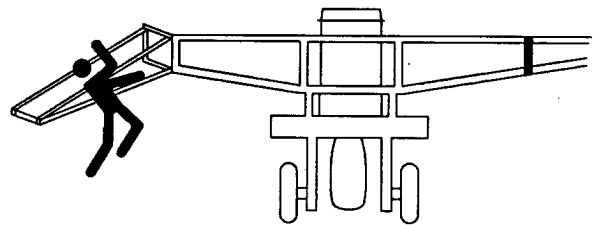


DX,RIDER -19-03MAR93

TS290 -UN-23AUG88

FOLD 18.3 M (60 FT) REAR FOLD BOOM SAFELY

If folding 18.3 m (60 ft) rear fold boom without folding outer section, be sure both "J" pins (A) are inserted into outer boom hinge to keep outer section from swinging forward and striking the operator or cab.



NX,6500C,A3A -19-05NOV93

N44972 -UN-21AUG92

N82309N1 -UN-29SEP89



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 -19-03MAR93

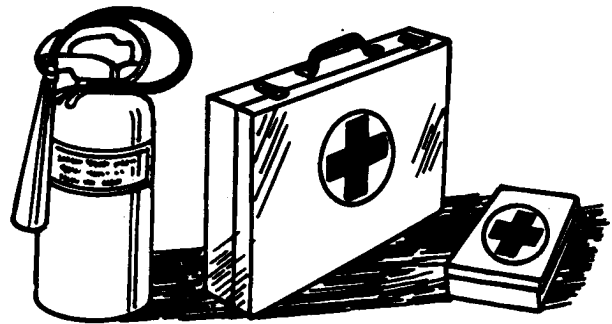
TS202 -UN-23AUG88

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 -19-03MAR93

TS291 -UN-23AUG88

HANDLE STARTING FLUID SAFELY

Starting fluid is highly flammable.

Keep all sparks and flame away when using it. Keep starting fluid away from batteries and cables.

To prevent accidental discharge when storing the pressurized can, keep the cap on the container, and store in a cool, protected location.

Do not incinerate or puncture a starting fluid container.



DX,FIRE3 -19-16APR92

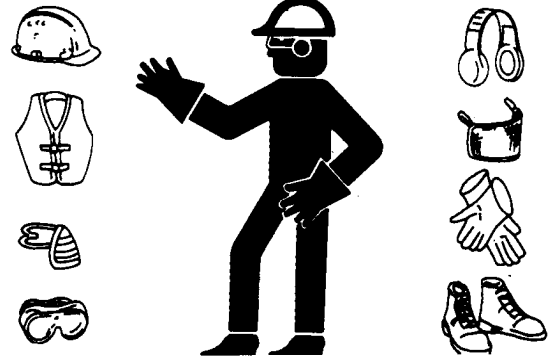
TS1356 -UN-18MAR92



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 -19-03MAR93

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 -19-03MAR93

TS207 -UN-23AUG88

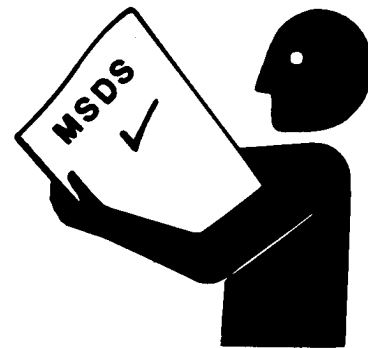
HANDLE CHEMICAL PRODUCTS SAFELY

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



AVOID CONTACT WITH PESTICIDES

This enclosed cab does not protect against inhaling harmful pesticides. If pesticide use instructions require respiratory protection, wear an appropriate respirator inside the cab.

Before leaving the cab, wear personal protective equipment as required by the pesticide use instructions. When re-entering the cab, remove protective equipment and store either outside the cab in a closed box or some other type of sealable container or inside the cab in a pesticide resistant container, such as a plastic bag.

Clean your shoes or boots to remove soil or other contaminated particles prior to entering the cab.



DX,CABS -19-03MAR93

-UN-23AUG88

TS220

-UN-23AUG88

TS272

HANDLE CHEMICALS SAFELY

Keep dust away from skin and hair.

Keep containers low when pouring.

Let the wind blow fumes away from you when mixing or filling.

Wear a filtered respirator if you cannot avoid dust.



N01,6000C,A25 -19-03NOV88

-UN-04OCT88

N35988



Wear goggles to protect your eyes.

Wash exposed skin areas frequently—do not leave chemicals on your skin.

Do not smoke while handling chemicals.

Properly dispose of chemical containers, unused chemicals and left-over treated seed and fertilizer.

Read and observe manufacturer's recommendations.

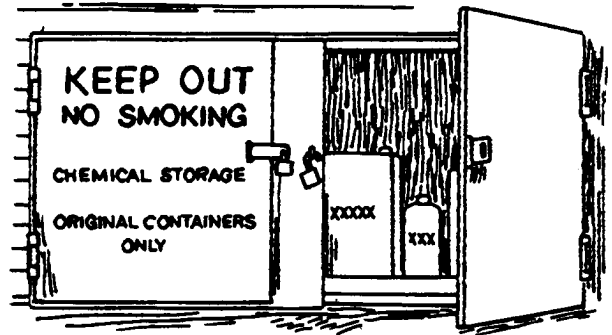


N35989 -UN-04OCT88

N01,250C,J -19-01OCT84

Store chemicals in a separate, plainly marked LOCKED building.

Store chemicals in original containers with labels intact.



N36950 -19-13MAR89

N01,250C,K -19-01OCT84



Select an area to fill, flush, calibrate and decontaminate sprayer where pesticides will not drift or run off to contaminate people, animals, vegetation, water supply, etc. Locate area to provide absolutely no opportunity for children to contact pesticides.

If spray material comes in contact with the body, wash IMMEDIATELY with clean water and detergent.

In event of nozzle clogging or other system malfunctions, stop engine, and release pressure from the system.

Never place nozzle tips or other parts to lips to blow out trash. Have spare tips available for replacement.

To minimize spray drift hazards:

—Use large nozzle tips operated at lower pressures.

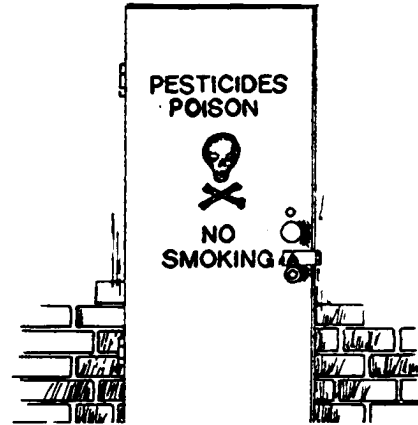
—Do not operate machine solution system at pressure over 345 kPa (3.5 bar) (50 psi).

—Do not spray when winds exceed 11 km/h (7 mph).

Wash spray residue from outside of machine to prevent corrosion.

Properly dispose of unused pesticide and flushing solutions.

Decontaminate equipment used in mixing, transferring and applying pesticide after use.



-19-31JAN89

N33983

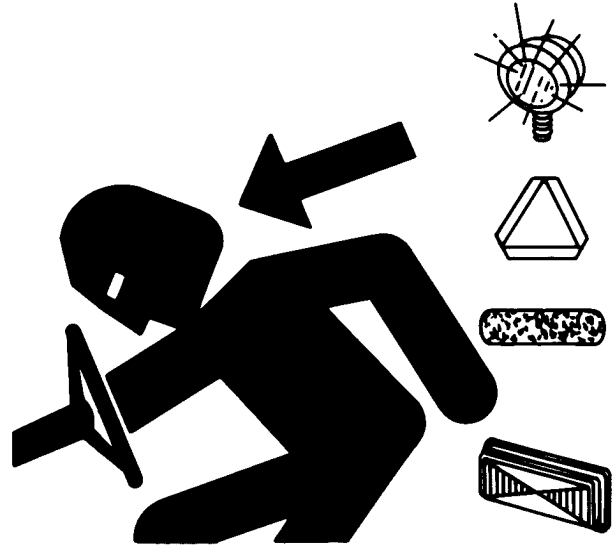
NX.6500C,A5A -19-20SEP96



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

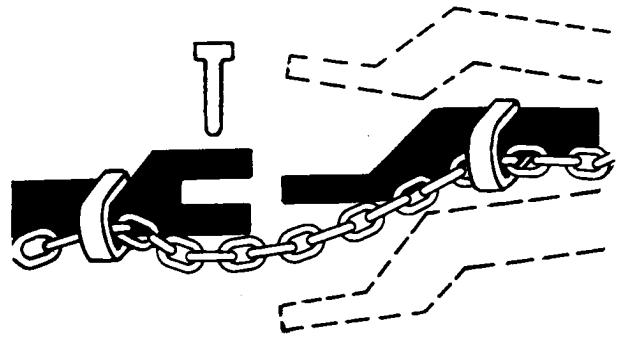
TS951 -UN-12APR90

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.



DX,CHAIN -19-03MAR93

TS217 -UN-23AUG88



TRANSPORT SAFELY

Keep away from overhead power lines. Serious injury or death may result should machine contact electrical wires. Know the transport height of your machine.

DO NOT transport without first folding the booms.

REAR FOLD BOOMS: Fold left-hand boom FIRST, then right-hand boom. Attach safety chain (A) to boom as shown. Lower boom to lowest position for transport.

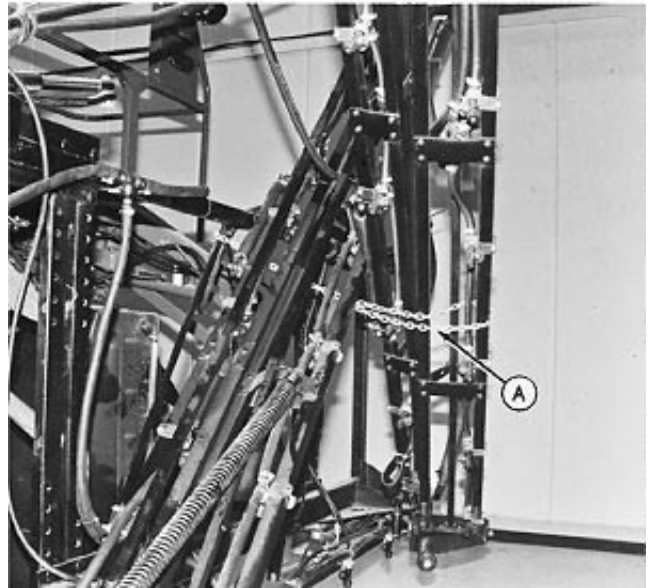
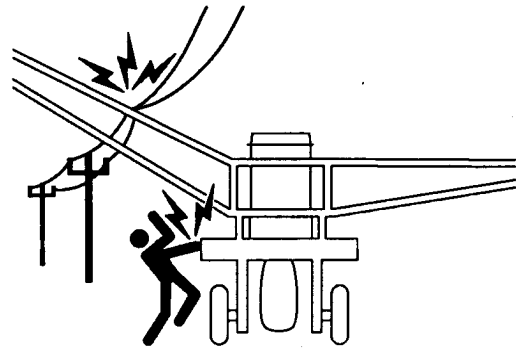
FRONT FOLD BOOM: Transport only with booms folded and sitting in the boom rests.

Latch brake pedals together.

Stop slowly to avoid “nose diving”.

Keep SMV emblem and reflectors clean and in place.

When towing the machine with tow bar attachment, have valve in “TOW” position, have the warning lights flashing, have drive hubs disengaged and do not exceed 32 km/h (20 mph).



N44191 -UN-27APR92

N44190 -UN-27APR92

NX.6500C,A6B -19-28SEP95



PRACTICE SAFE MAINTENANCE

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

Never lubricate, service, or adjust 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.



-UN-23AUG88

TS218

DX,SERV -19-03MAR93

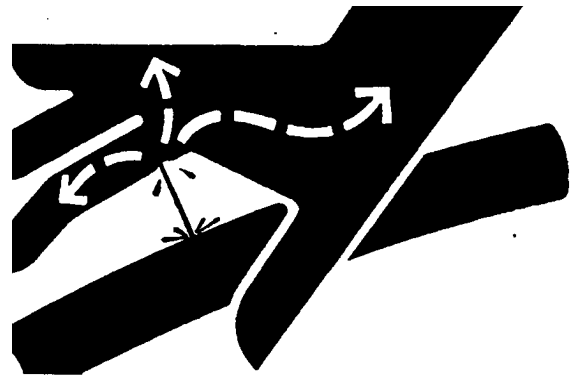
AVOID HIGH-PRESSURE FLUIDS

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.



-UN-23AUG88

X9811

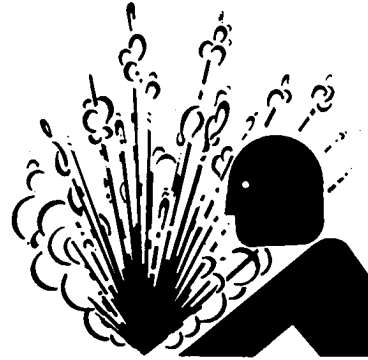
DX,FLUID -19-03MAR93



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

SERVICE TIRES SAFELY

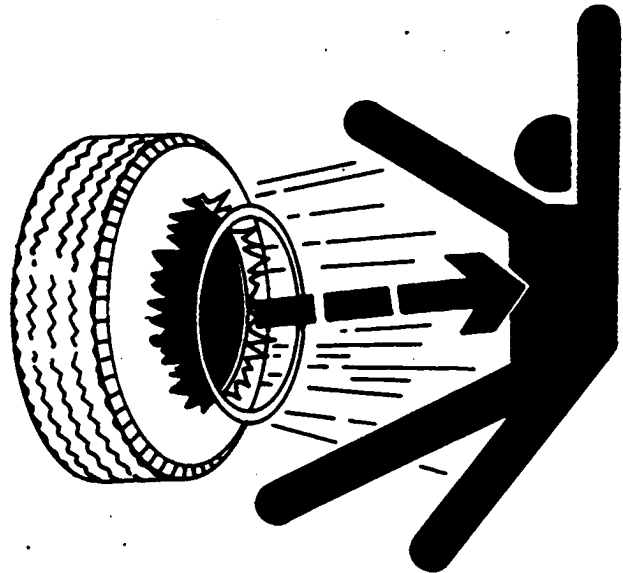
Explosive separation of a tire and rim parts can cause serious injury or death.

Do not attempt to mount a tire unless you have the proper equipment and experience to perform the job.

Always maintain the correct tire pressure. Do not inflate the tires above the recommended pressure. Never weld or heat a wheel and tire assembly. The heat can cause an increase in air pressure resulting in a tire explosion. Welding can structurally weaken or deform the wheel.

When inflating tires, use a clip-on chuck and extension hose long enough to allow you to stand to one side and NOT in front of or over the tire assembly. Use a safety cage if available.

Check wheels for low pressure, cuts, bubbles, damaged rims or missing lug bolts and nuts.



DX,RIM

-19-24AUG90

TS211 -UN-23AUG88



DISPOSE OF WASTE PROPERLY

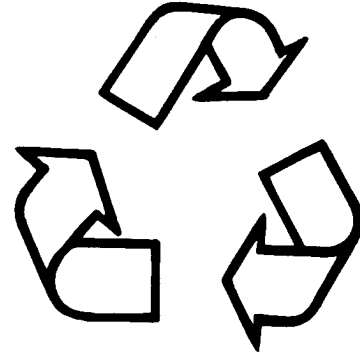
Improperly disposing of waste can threaten the environment and ecology. Potentially harmful waste used with John Deere equipment include such items as oil, fuel, coolant, brake fluid, filters, and batteries.

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

Do not pour waste onto the ground, down a drain, or into any water source.

Air conditioning refrigerants escaping into the air can damage the Earth's atmosphere. Government regulations may require a certified air conditioning service center to recover and recycle used air conditioning refrigerants.

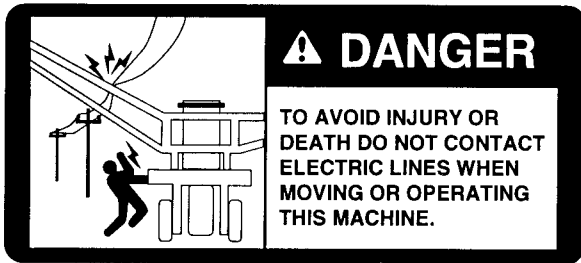
Inquire on the proper way to recycle or dispose of waste from your local environmental or recycling center, or from your John Deere dealer.



TS1133 -UN-26NOV90

DX,DRAIN -19-03MAR93

Safety Signs



⚠ DANGER

TO AVOID INJURY OR DEATH DO NOT CONTACT ELECTRIC LINES WHEN MOVING OR OPERATING THIS MACHINE.

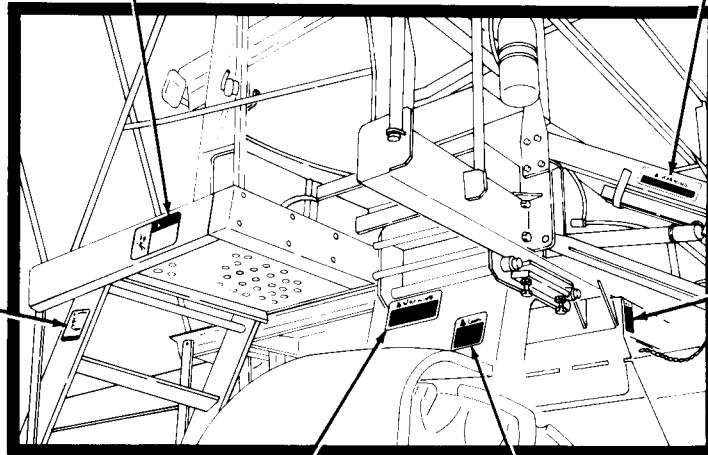
⚠ WARNING

Hydraulic failure may allow the boom to lower. To avoid crushing or pinch point injury, position cylinder lockup channel in "lock" position before servicing machine.

⚠ WARNING



Do Not Ride



⚠ CAUTION

Agricultural chemicals can be dangerous. Improper selection or use can injure persons, animals, plants, soils or other property.

TO AVOID INJURY

1. Select the right chemical for the job.
2. Handle and apply it with care. Follow instructions issued by the chemical manufacturer.

⚠ WARNING

- To avoid loss of control of machine when towing, install John Deere towing bundle including steering bypass valve.
- To avoid injury or death, engage or disengage hubs only when machine is attached to towing vehicle.
- Do not tow over 20 mph, (32 km/h).
- See Operator's Manual for complete towing instructions.

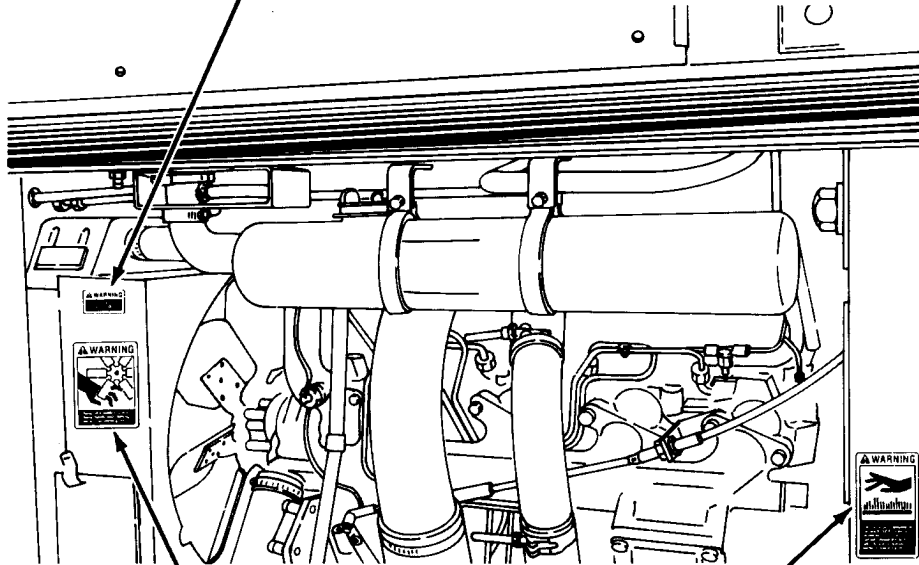
⚠ CAUTION

1. Keep all shields in place.
2. Disengage and shut off all engine and/or motor power before servicing or unclogging machine.
3. Keep hands, feet, and clothing away from power driven parts.

N44183B -19-25SEP95

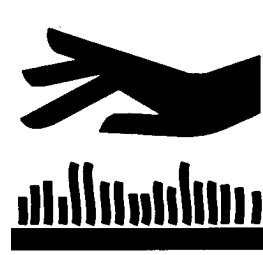
NX,6500T,A1B -19-04SEP97

⚠ WARNING
Pressurized cooling system.
To avoid burns from escaping
coolant, do not remove
radiator cap when coolant
is hot.



⚠ WARNING

Keep all shields in place.
Keep hands and clothing
away from rotating fan.

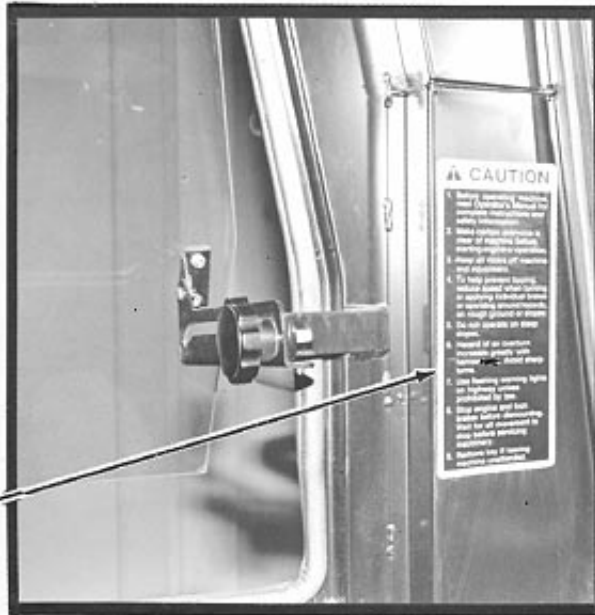
⚠ WARNING

Exhaust system components
can reach 700 F. To avoid
severe burns, do not
contact exhaust manifold,
turbocharger component,
muffler or exhaust pipe.

N45082 -19-23SEP92

CAUTION

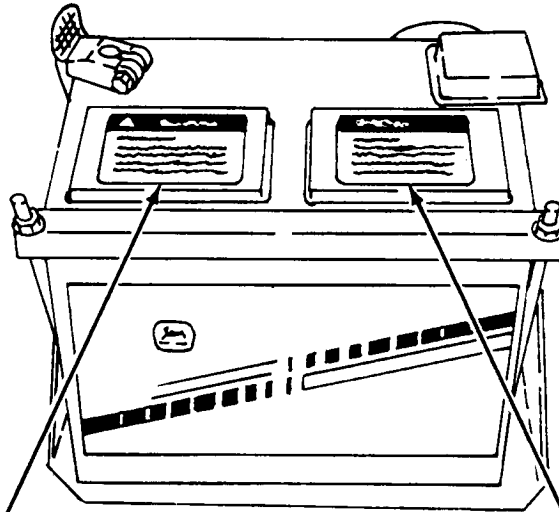
1. Before operating machine, read Operator's Manual for complete instructions and safety information.
2. Make certain everyone is clear of machine before starting engine or operation.
3. Keep all riders off machine and equipment.
4. To help prevent tipping, reduce speed when turning or applying individual brakes or operating around hazards, on rough ground or slopes.
5. Do not operate on steep slopes.
6. Hazard of an overturn increases greatly with narrow wheel spacing. Avoid sharp turns.
7. Use flashing warning lights on highway unless prohibited by law.
8. Stop engine and lock brakes before dismounting. Wait for all movement to stop before servicing machinery.
9. Remove key if leaving machine unattended.

420328#
5



N44184 -19-08APR92

NX,6500T,A2 -19-04SEP97



⚠ DANGER
EXPLOSIVE GASES
Cigarettes, flames or sparks could cause battery to explode. Always shield eyes and face from battery. Do not charge or use booster cables or adjust post connections without proper instruction and training. Keep vent caps tight and level.

POISON
CAUSES SEVERE BURNS
Contains sulfuric acid. Avoid contact with skin, eyes or clothing. In event of accident, flush with water and call a physician immediately. Keep out of reach of children.

N88273W -19-14MAR89

N01,6000T,A4 -19-04SEP97

⚠ CAUTION

Refrigerant under pressure. Improper servicing may cause refrigerant to penetrate eyes and skin or cause burns. Wear goggles and protect skin. For use with R134a refrigerant only.

N203862

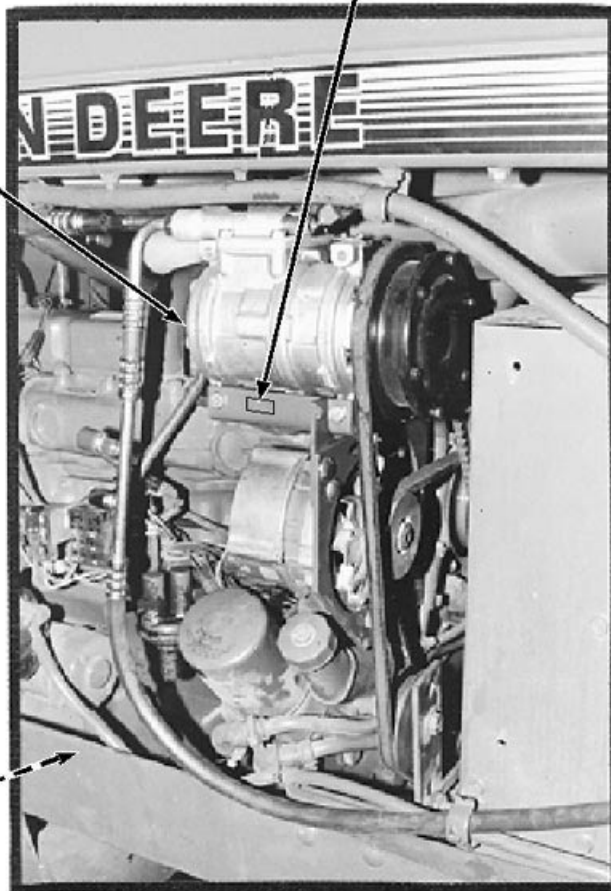
⚠ CAUTION

Pressurized refrigerant may escape, possibly penetrating eyes or burning skin. To service safely, wear goggles and protect skin.

⚠ DANGER



Start only from seat in park or neutral. Starting in gear kills.

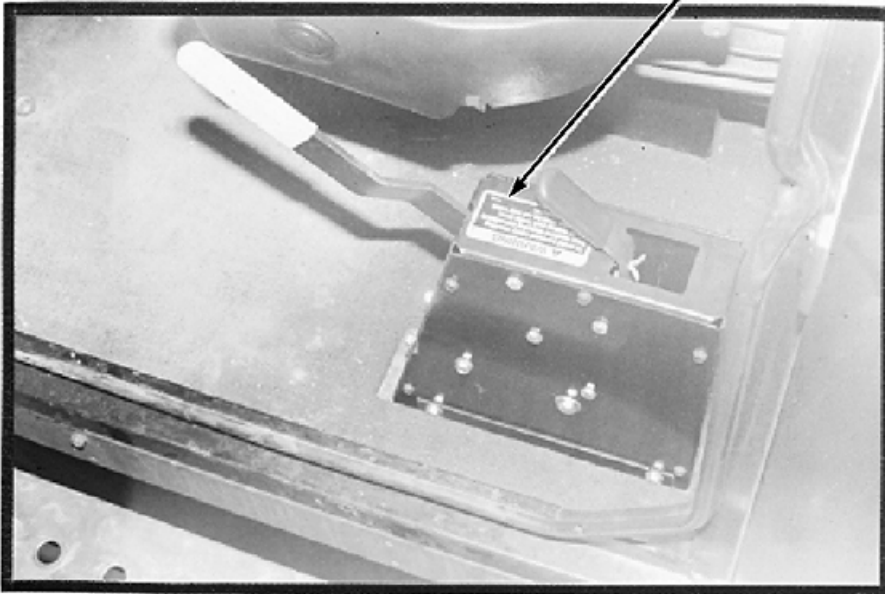


N44185B -19-27/JAN97

⚠ WARNING

To avoid personal injury do to unexpected machine movement:

1. Only set park brake when machine is completely stopped. Actuating the park brake lever while the machine is moving can result in immediate deceleration.
2. Exercise Caution, machine may move up to 2.5 feet after park brake lever is engaged allowing the park brake to fully engage.



NX,6500T,A5B -19-04SEP97

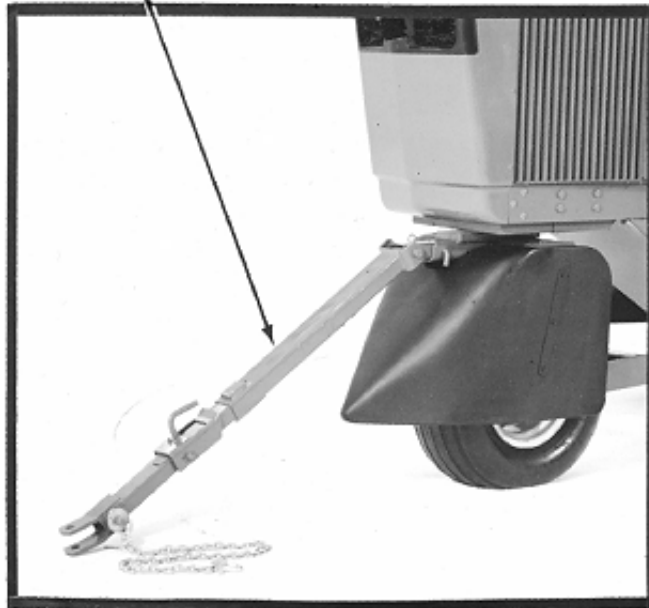
N45081B -19-28JAN97

SINGLE WHEEL 6500

WARNING

Model 6500 and 6100 sprayers: Disengaging parking brake may allow machine to roll. To prevent machine from rolling, engage or disengage hubs only when machine is attached to towing vehicle and parking brake is on.

Model 6000 sprayer: Disengaging brake locking latch may allow machine to roll. To prevent machine from rolling, engage or disengage brake locking latch only when machine is attached to towing vehicle.



NX,6000T,A1B -19-04SEP97

N45080A -19-08MAR96

This as a preview PDF file from best-manuals.com



Download full PDF manual at best-manuals.com