

# 655C and 755C Crawler Loaders



## OPERATOR'S MANUAL 655C and 755C Crawler Loaders OMT181139 ISSUE I9 (ENGLISH)

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.

If this product contains a gasoline engine:

**⚠ WARNING**

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

The State of California requires the above two warnings.

Additional Proposition 65 Warnings can be found in this manual.

**Worldwide Construction  
And Forestry Division**  
(This manual replaces OMT181139 D5)  
PRINTED IN U.S.A.

# Introduction

## Foreword

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 Machine 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.

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## 655C and 755C



755C Shown

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## Emissions Control Warranty Statement

### EMISSIONS CONTROL WARRANTY STATEMENT FOR NEW JOHN DEERE CONSTRUCTION EQUIPMENT (U.S. AND CANADA)

To determine if the engine in your machine qualifies for the additional warranties set forth below, look for the "Engine Information" label located on your engine. If you reside in the United States and the engine label states: "Engine conforms to US EPA regulations on heavy duty non road diesel cycle engines," you are entitled to the "U.S. Emission Control Warranty Statement." If you reside in California, and the engine label states: "Engine conforms to California regulations on heavy duty non road diesel cycle engines," you are entitled to the "California Emission Control Warranty Statement."

#### U.S. EPA EMISSIONS CONTROL WARRANTY STATEMENT

Emissions control-related parts and components are warranted by John Deere for five years or 3000 hours of operation, whichever occurs first. John Deere further warrants that the engine covered by this warranty was designed, built, and equipped so as to conform at the time of sale with all U.S. emissions standards at the time of manufacture, and that it is free of defects in materials and workmanship which would cause it not to meet these standards within the period of five years or 3000 hours of operations, whichever occurs first.

Warranties stated on this certificate refer only to emissions-related parts and components of your engine. The complete machine warranty, less emissions-related parts and components, is provided separately as "John Deere "Secure Warranty" For New Construction Products."

#### CALIFORNIA EMISSION CONTROL WARRANTY STATEMENT YOUR WARRANTY RIGHTS AND OBLIGATIONS

The California Air Resources Board (CARB) and John Deere are pleased to explain the emission control system on your new engine. In California, new heavy-duty engines must be designed, built and equipped to meet the State's stringent anti-smog standards. John Deere must warrant the emission control system on your engine for the periods of time listed below provided there has been no abuse, neglect, or improper maintenance of your machine.

Your emissions control system includes:

Fuel Metering System  
Fuel Injection System

Air Induction System  
Intake Manifold  
Turbocharger System  
Charge Air Cooling System

Miscellaneous Items used in Above Systems

Where a warrantable condition exists, i.e. failure due to defect in John Deere-supplied material and/or workmanship, John Deere will repair your heavy-duty engine at no cost to you including diagnosis, parts and labor

#### JOHN DEERE'S WARRANTY COVERAGE:

The emission control system of your heavy-duty engine is warranted for five years or 3000 hours of operation, whichever occurs first. If any emission-related part on your engine is defective, the part will be repaired or replaced by John Deere. Warranties stated on this certificate refer only to emissions-related parts and components of your engine. The complete machine warranty, less emissions-related parts and components, is provided separately as the "John Deere "Secure Warranty" For New Construction Products."

#### OWNER'S WARRANTY RESPONSIBILITIES:

As the heavy-duty engine owner, you are responsible for the performance of the required maintenance as outlined in the

Operator's Manual. John Deere recommends that you retain all receipts covering maintenance on your heavy-duty engine, but John Deere cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

However, as the heavy-duty engine owner, you should be aware that John Deere may deny you warranty coverage if your heavy-duty engine or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

Your engine is designed to operate on diesel fuel only. Use of any other fuel may result in your engine no longer operating in compliance with California's emissions requirements.

You are responsible for initiating the warranty process. The CARB suggests that you present your machine to the nearest authorized John Deere dealer as soon as a problem is suspected. The warranty repairs should be completed by the service dealer as expeditiously as possible.

If you have any questions regarding your warranty rights and responsibilities, you should contact John Deere at 1-319-292-5400, or the State of California Air Resources Board, Mobile Source Operation Division, PO Box 8001, El Monte, CA 91731-2900

The warranty period begins on the date the machine is delivered to an ultimate purchaser, or when otherwise put into service. John Deere warrants to the ultimate purchaser and each subsequent purchaser that the engine is designed, built and equipped so as to conform with all applicable regulations adopted by the Air Resources Board, and that it is free from defects in materials and workmanship which would cause the failure of a warranted part.

Any warranted part which is scheduled for replacement as required maintenance by the operator's manual is warranted by John Deere for the period of time prior to the first scheduled replacement point for that part. If the part fails prior to the first scheduled replacement point, the part shall be repaired or replaced under warranty. Any such part repaired or replaced under warranty is warranted for the remainder of the period prior to the first scheduled replacement point for that part.

Any warranted part which is not scheduled for replacement as required maintenance, or which is scheduled only for regular inspection to the effect of repairing or replacing as necessary, is warranted for the warranty period.

Repair or replacement of a warranted part will be performed at no charge to you by an authorized John Deere dealer. You will not be charged for diagnostic labor which leads to the determination that a warranted part is defective, if the diagnostic work is performed by a John Deere dealer.

John Deere is liable for damages to other engine components caused by failure under warranty of any warranted part.

John Deere is NOT liable for travel or mileage on extended emissions warranty service calls.

Any replacement part may be used in the performance of any maintenance or repairs, and such use will not reduce the warranty obligations of John Deere. However, the use of add-on or modified parts are grounds for disallowing a warranty claim.

### Technical Information Feedback Form

We need your help to continually improve our technical publications. Please copy this page and FAX or mail your comments, ideas and improvements.

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18600 South John Deere Road  
Attn: Publications, Dept. 324  
Dubuque, IA 52004-0538  
USA

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Name: \_\_\_\_\_

Phone: \_\_\_\_\_

Email Address: \_\_\_\_\_

**THANK YOU!**

# Contents

Page	Page
<b>Safety</b>	
Safety Features—Loader .....	5-1
Recognize Safety Information .....	5-2
Follow Safety Instructions .....	5-2
Operate Only If Qualified .....	5-2
Wear Protective Equipment .....	5-3
Avoid Unauthorized Machine Modifications .....	5-3
Add Cab Guarding For Special Uses .....	5-3
Inspect Machine .....	5-4
Stay Clear of Moving Parts .....	5-4
Avoid High-Pressure Oils .....	5-4
Beware of Exhaust Fumes .....	5-5
Prevent Fires .....	5-5
Prevent Battery Explosions .....	5-5
Handle Chemical Products Safely .....	5-6
Dispose of Waste Properly .....	5-6
Prepare for Emergencies .....	5-6
Use Steps and Handholds Correctly .....	5-6
Start Only From Operator's Seat .....	5-7
Use and Maintain Seat Belt .....	5-7
Prevent Unintended Machine Movement .....	5-7
Avoid Work Site Hazards .....	5-8
Use Special Care When Operating Loader .....	5-8
Keep Riders Off Machine .....	5-9
Avoid Backover Accidents .....	5-9
Avoid Machine Tipover .....	5-10
Add and Operate Attachments Safely .....	5-10
Park And Prepare For Service Safely .....	5-11
Service Cooling System Safely .....	5-11
Remove Paint Before Welding or Heating .....	5-11
Make Welding Repairs Safely .....	5-12
Drive Metal Pins Safely .....	5-12
<b>Safety Signs</b>	
Safety Signs .....	6-1
<b>Operator's Station</b>	
Operator's Station .....	10-1
Instrument Panel .....	10-2
Park Brake Indicator .....	10-3
Transmission Hydraulic Oil Pressure Indicator .....	10-3
Engine Air Filter Restriction Indicator .....	10-3
Hydraulic Oil Filter Return Indicator .....	10-4
Voltage Indicator .....	10-4
Preheat System Indicator .....	10-4
Float Position Indicator .....	10-5
Low Speed Range Indicator .....	10-5
Electronic System Indicator .....	10-5
Final Drive Leak Indicators .....	10-6
Engine Oil Pressure Gauge .....	10-6
Engine Coolant Temperature Gauge .....	10-6
Fuel Level Gauge .....	10-7
Hour Meter .....	10-7
Key Switch .....	10-7
Park Brake Switch .....	10-8
Horn Button .....	10-8
Bucket Float Enable Button .....	10-8
Hi/Low Travel Speed Selector Button .....	10-9
Windshield Wiper and Washer .....	10-9
Flood Light Switch .....	10-10
Cab Warning Light .....	10-10
Heating and Air Conditioning Controls .....	10-11
Park Lock Lever .....	10-11
Adjust Standard Suspension Seat .....	10-12
Adjust Air Suspension Seat—If Equipped .....	10-12
Seat Belt .....	10-13
Seat Belt—Maintenance .....	10-13
Operator's Manual Compartment .....	10-13
Rear View Mirror .....	10-14
Sun Shade .....	10-14
Dome Light .....	10-14
Door Latch .....	10-15
Window Lock .....	10-15
Ash Tray .....	10-15
Secondary Exit .....	10-16
Fuse Specifications .....	10-16
<b>Pre-Start Inspection</b>	
Inspect Machine Daily Before Starting .....	20-1
<b>Operating the Engine</b>	
Starting the Engine .....	25-1
Cold Weather Starting .....	25-4
Using Booster Batteries—24-Volt System .....	25-7
Engine Warm-Up .....	25-7
Cold Weather Warm-Up .....	25-7
Stopping the Engine .....	25-8
Park Brake Switch .....	25-8
<b>Driving the Machine</b>	
Operating Suggestions .....	30-1
Driving the Machine .....	30-1
Using Engine Speed Control Lever .....	30-2

Continued on next page

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## Contents

	<b>Page</b>		<b>Page</b>
Controlling Machine Travel Speed .....	30-2	OILSCAN PLUS®, COOLSCAN	
Steering the Machine .....	30-3	PLUS®, Dieselscan, and 3-Way	
Stopping the Machine .....	30-6	Coolant Test Kit .....	50-8
Parking Brake .....	30-6	Maintenance and Repair Record	
Parking the Machine .....	30-7	Keeping System .....	50-9
<b>Operating the Machine</b>			
Boom and Bucket Control Lever .....	35-1	<b>Maintenance—As Required</b>	
Using Bucket Float .....	35-2	Drain Water and Sediment from Fuel	
Using Bucket Return-to-Dig .....	35-2	System—655C .....	55-1
Operating Suggestions .....	35-3	Drain Water and Sediment from Fuel	
Operating and Maintenance		System—755C .....	55-2
Undercarriage Tips .....	35-3	Check Track Sag .....	55-4
Operating In Rough Terrain .....	35-3	Adjust Track Sag .....	55-5
Transporting Load .....	35-4	Lubricate Cab Door Hinges .....	55-6
Loading Material .....	35-5	Cab Fresh Air Filters .....	55-7
Loading Transport Vehicle .....	35-6	Inspect, Clean, and Replace Engine	
Dozing .....	35-8	Air Cleaner Elements .....	55-7
Excavation .....	35-9	Inspect V-Belt .....	55-9
Foundation Excavation .....	35-9	 	
Tree Removal .....	35-10	<b>Maintenance—Every 10 Hours or Daily</b>	
Operating in Water and Mud .....	35-12	Check Coolant Level .....	60-1
<b>Transporting</b>			
Transporting the Machine .....	40-1	Check Engine Oil Level .....	60-2
Loading Machine with Crane .....	40-2	Check Hydraulic Oil Level .....	60-2
Towing the Machine .....	40-3	 	
<b>Fuels and Lubricants</b>			
Diesel Fuel .....	45-1	<b>Maintenance—Every 50 Hours</b>	
Biodiesel Fuel .....	45-2	Check Splitter Box Oil Level .....	65-1
Low Sulfur Diesel Fuel Conditioner .....	45-2	Lubricate Loader Linkage and Cylinder Pivots .....	65-2
Diesel Fuel Storage .....	45-3	 	
Fuel Tank .....	45-3	<b>Maintenance—Every 250 Hours</b>	
Diesel Engine Oil .....	45-4	Change Engine Oil and Filter .....	75-1
Track Rollers, Front Idler and Carrier		Check Final Drive Oil Level .....	75-2
Roller Oil .....	45-4	 	
Transmission and Hydraulic Oil .....	45-5	<b>Maintenance—Every 500 Hours</b>	
Splitter Box Oil .....	45-5	Replace Fuel Filters—655C .....	80-1
Final Drive Oil .....	45-5	Replace Fuel Filters—755C .....	80-3
Grease .....	45-5	Check Battery Electrolyte Level and Terminals .....	80-5
Lubricant Storage .....	45-6	Change Transmission/Hydraulic	
Alternative and Synthetic Lubricants .....	45-6	Charge Oil Filter .....	80-6
Mixing of Lubricants .....	45-6	Change Final Drive Seal Lube Oil .....	80-7
<b>Periodic Maintenance</b>			
Warn Others Of Service Work .....	50-1	Check Transmission/Hydraulic	
Service Your Machine at Specified Intervals .....	50-1	Replenishing Oil Case Return Filters .....	80-8
Check the Hour Meter Regularly .....	50-2	Change Transmission/Hydraulic	
Use Correct Fuels and Lubricants .....	50-2	Return Oil Filter .....	80-9
Prepare Machine for Maintenance .....	50-3	Change Final Drive Oil .....	80-10
Tilt Cab/Canopy (ROPS) .....	50-4	Check Air Intake Hoses .....	80-10
Maintenance and Repair Record		Change Splitter Box Oil .....	80-11
Keeping System .....	50-7	Replace Coolant Filter .....	80-11
<b>Maintenance—Every 1000 Hours</b>			
		Check and Adjust Valve Lash .....	85-1
		Replace Engine Rocker Arm Cover Gasket .....	85-1
<b>Maintenance—Every 2000 Hours</b>			
		Service the Cooling System .....	86-1

Continued on next page

## Contents

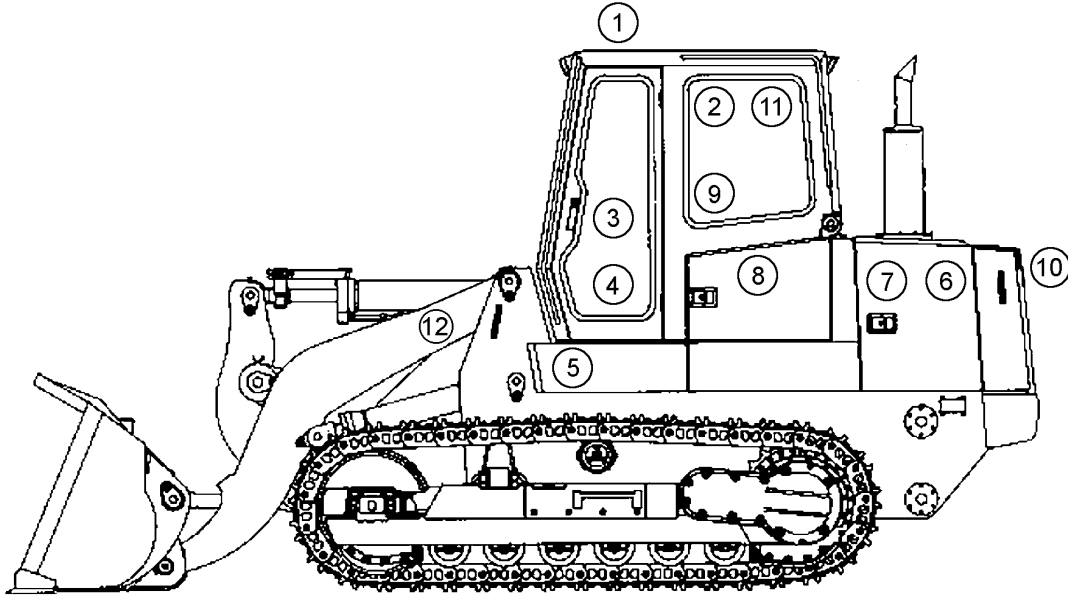
Page	Page		
Change Hydraulic Oil.....	86-4	Heating System .....	100-4
Removing and Installing Oil Separator .....	86-4		
<b>Maintenance</b>		<b>Storage</b>	
Drain Fuel Tank .....	90-1	Prepare Machine for Storage .....	105-1
Bleeding Fuel System—655C .....	90-1	Monthly Storage Procedure.....	105-3
Bleeding Fuel System—755C .....	90-2		
Replacing V-Belt.....	90-3	<b>Crime Prevention Tips</b>	
Adjusting V-Belt Tension.....	90-3	Help Prevent Crime .....	110-1
Replacing Dome Light Bulb .....	90-4	Record Construction Identification Numbers ....	110-1
Replacing Cab Warning Light Bulb.....	90-4	Keep Proof of Ownership .....	110-1
Replacing Indicator Bulbs.....	90-5	Park Indoors Out of Sight.....	110-2
Replacing Control Panel Button Bulbs .....	90-5	When Parking Outdoors .....	110-2
Resetting Circuit Breaker.....	90-5	Reduce Vandalism.....	110-2
Replacing Fuse.....	90-6	Report Thefts Immediately .....	110-3
Replacing Flood Light Bulb.....	90-6		
Removing and Installing Bucket Teeth .....	90-7	<b>Specifications</b>	
Diesel Engine Coolant.....	90-7	655C and 755C Crawler Loader Dimensions ...	115-1
Test the Coolant Freeze-Protection Level .....	90-8	655C and 755C Crawler Loader	
Do Not Service Injection Nozzles .....	90-8	Specifications .....	115-4
Do Not Adjust Injection Pump.....	90-8	655C and 755C Other Information .....	115-6
Precautions for Alternator and Regulator .....	90-8	655C and 755C Crawler Loader Drain	
Handling Batteries Safely .....	90-9	and Refill Capacities .....	115-7
Service Batteries Carefully .....	90-10		
Checking Electrolyte Specific Gravity.....	90-11	<b>Machine Numbers</b>	
Using Battery Charger .....	90-12	Record Product Identification Number (PIN) ....	120-1
Remove Batteries .....	90-12	Record Engine Serial Number.....	120-1
Replace Batteries .....	90-13		
Check Air Conditioner Receiver/Dryer.....	90-13	<b>Checklists</b>	
Track Sag General Information .....	90-14	Maintenance and Repair Record	
Check and Adjust Idler Side Play .....	90-15	Keeping System .....	CLIS-1
Check and Adjust Idler Vertical Play.....	90-15		
Adding Oil to the Front Idler.....	90-16		
Cleaning Track Components .....	90-16		
Do Not Service Control Valves and Cylinders ..	90-16		
Checking Track Shoe Cap Screw Torque.....	90-16		
Hardware Torque Specifications.....	90-17		
Unified Inch Bolt and Screw Torque Values.....	90-18		
Metric Bolt and Screw Torque Values.....	90-19		
Check Oil Lines And Fittings .....	90-20		
Service Recommendations for O-Ring			
Boss Fittings.....	90-20		
Service Recommendations For Flat			
Face O-Ring Seal Fittings .....	90-22		
O-Ring Groove Connections .....	90-23		
Service Recommendations For Inch			
Series Four Bolt Flange Fittings.....	90-24		
Service Recommendations for Metric			
Series Four Bolt Flange Fitting.....	90-25		
<b>Operational Checkout</b>			
Operational Checkout.....	95-1		
<b>Troubleshooting</b>			
Engine .....	100-1		
Electrical System.....	100-2		
Hydraulic System.....	100-3		
Travel Gear and Track.....	100-3		

*Contents*



# Safety

## Safety Features—Loader



T137550

T137550—UN—14MAR01

**Please remember, the operator is the key to preventing accidents.**

1. **ROPS, FOPS, and OPS.** Structures designed to help protect the operator are certified to ISO, SAE, and OSHA. Enclosures also deflect sun and rain.
2. **Pressurized Cab with Heater/Defroster.** Positive pressure ventilation system circulates both outside and inside air through filters for a clean working environment. Built-in defroster vents directs air flow for effective window defogging/deicing..
3. **Park Lock Lever.** When park lock lever is placed in "lock" position, the transmission shifts in neutral, the hydraulics are deactivated, and the park brake is engaged.
4. **Handholds.** Large conveniently placed handholds make it easy to enter or exit the operator's station.
5. **Steps.** Wide skid-resistant steps help prevent slipping while getting in or out of the operator's station.
6. **Engine Fan Guard.** A secondary fan guard inside engine compartment helps prevent contact with engine fan blades.
7. **Bypass Start Protection.** Shielding over the starter solenoid helps prevent dangerous bypass starting.
8. **Electronic Transmission Control.** Electronic system puts transmission in neutral and engages park brake when engine is stopped. Prevents machine movement on engine startup until transmission lever is cycled through the neutral position.
9. **Seat Belt Retractors.** Seat belt retractors help keep belts clean and convenient to use.
10. **Backup Alarm.** Alerts bystanders when reverse travel direction is selected by operator.
11. **Operator Manual Holder.** A sealed manual holder keeps manual on machine clean and dry.
12. **Loader Boom Service Lock.** Loader machine has a mechanical lock for securing boom in the raised position before work is started on or around the machine.

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## Recognize Safety Information

**This is the safety alert symbol. When this symbol is noticed on the machine or in this manual, be alert for the potential of personal injury.**

Follow the precautions and safe operating practices highlighted by this symbol.

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

On the machine, DANGER signs are red in color, WARNING signs are orange, and CAUTION signs are yellow. DANGER and WARNING signs are located near specific hazards. General precautions are on CAUTION labels.



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## Follow Safety Instructions

Read the safety messages in this manual and on the machine. Follow these warnings and instructions carefully. Review them frequently.

Be sure all operators of this machine understand every safety message. Replace operator's manual and safety labels immediately if missing or damaged.



T133556 —UN—24AUG00

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## Operate Only If Qualified

Do not operate this machine unless the operator's manual has been read carefully, and you have been qualified by supervised training and instruction.

Operator should be familiar with the job site and surroundings before operating. Try all controls and

machine functions with the machine in an open area before starting to work.

Know and observe all safety rules that may apply to every work situation and work site.

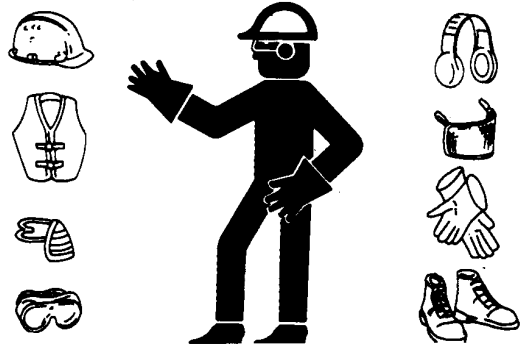
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### Wear Protective Equipment

Guard against injury from flying pieces of metal or debris; wear goggles or safety glasses.

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

Prolonged exposure to loud noise can cause impairment or loss of hearing. Wear suitable hearing protection such as earmuffs or earplugs to protect against objectionable or uncomfortable loud noises.



TS206—UN—15APR13

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### Avoid Unauthorized Machine Modifications

John Deere recommends using only genuine John Deere replacement parts to ensure machine performance. Never substitute genuine John Deere parts with alternate parts not intended for the application as these can create hazardous situations or hazardous performance. Non-John Deere parts, or any damage or failures resulting from their use are not covered by any John Deere warranty.

Modifications of this machine, or addition of unapproved products or attachments, may affect machine stability or

reliability, and may create a hazard for the operator or others near the machine.

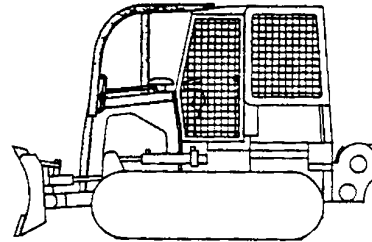
Always contact an authorized dealer before making machine modifications that change the intended use, weight or balance of the machine, or that alter machine controls, performance or reliability.

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### Add Cab Guarding For Special Uses

Special work situations or machine attachments may expose the operator to intruding or flying objects. Using this machine in a forestry application or woods environment, or with attachments such as a winch, requires added guarding to protect the operator.

Forestry protection packages or special screens should be installed when working in areas where logs or branches may strike the operator. A rear screen should always be used with a winch to protect against a snapping cable. Contact your authorized dealer for information on protective guarding before operating in any hazardous environment.



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### Inspect Machine

Inspect machine carefully each day by walking around it before starting. (See Pre-Start Inspection Chapter.)

Keep all guards and shields in good condition and properly installed. Fix damage and replace worn or broken parts immediately. Pay special attention to hydraulic hoses and electrical wiring.



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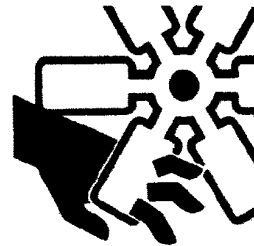
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### Stay Clear of Moving Parts

Entanglements in moving parts can cause serious injury.

Stop engine before examining, adjusting or maintaining any part of machine with moving parts.

Keep guards and shields in place. Replace any guard or shield that has been removed for access as soon as service or repair is complete.



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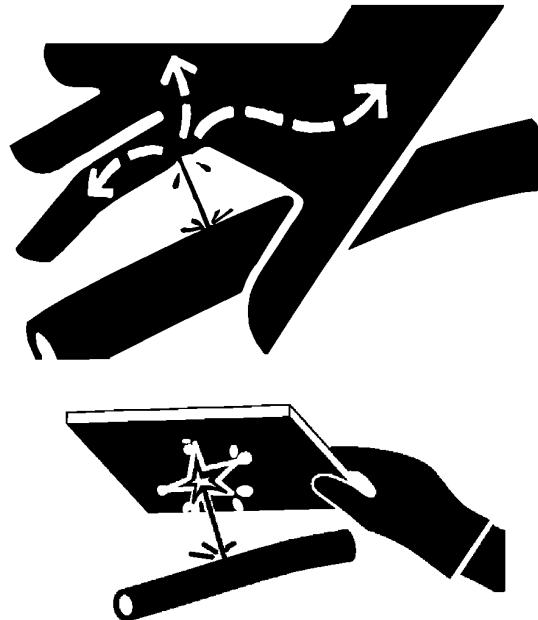
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### Avoid High-Pressure Oils

This machine uses a high-pressure hydraulic system. Escaping oil under pressure can penetrate the skin causing serious injury.

**Never search for leaks with your hands.** Protect hands. Use a piece of cardboard to find location of escaping oil. Stop engine and relieve pressure before disconnecting lines or working on hydraulic system.

**If hydraulic oil penetrates your skin, see a doctor immediately. Injected oil must be removed surgically within hours or gangrene may result.** Contact a knowledgeable medical source or the Deere & Company Medical Department in Moline, Illinois, U.S.A.



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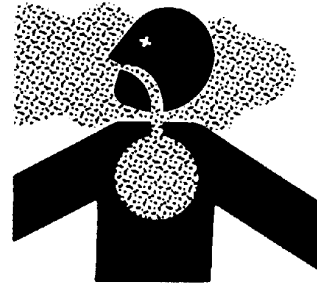
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### Beware of Exhaust Fumes

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

If you must operate in an enclosed space, provide adequate ventilation. Use an exhaust pipe extension to remove the exhaust fumes or open doors and windows to bring outside air into the area.



T133546 —UN—24AUG00

TX03679,00016D4 -19-03NOV08-1/1

### Prevent Fires

**Handle Fuel Safely:** Store flammable fluids away from fire hazards. Never refuel machine while smoking or when near sparks or flame.

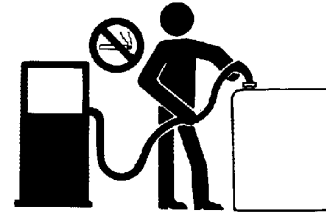
**Clean Machine Regularly:** Keep trash, debris, grease and oil from accumulating in engine compartment, around fuel lines, hydraulic lines, exhaust components, and electrical wiring. Never store oily rags or flammable materials inside a machine compartment.

**Maintain Hoses and Wiring:** Replace hydraulic hoses immediately if they begin to leak, and clean up any oil spills. Examine electrical wiring and connectors frequently for damage.

**Keep A Fire Extinguisher Available:** Always keep a multipurpose fire extinguisher on or near the machine. Know how to use extinguisher properly.



T133553 —UN—07SEP00



T133554 —UN—07SEP00



T133552 —UN—15APR13

TX03679,00016F5 -19-03NOV08-1/1

### Prevent Battery Explosions

Battery gas can explode. Keep sparks, lighted matches, and open flame away from the top of battery.

Never check battery charge by placing a metal object across the posts. Use a voltmeter or hydrometer.

Do not charge a frozen battery; it may explode. Warm battery to 16°C (60°F).



TS204 —UN—15APR13

TX03679,000174A -19-03NOV08-1/1

### Handle Chemical Products Safely

Exposure to hazardous chemicals can cause serious injury. Under certain conditions, lubricants, coolants, paints and adhesives used with this machine may be hazardous.

If uncertain about safe handling or use of these chemical products, contact your John Deere dealer for a Material Safety Data Sheet (MSDS). The MSDS describes physical and health hazards, safe use procedures, and emergency response techniques for chemical substances. Follow MSDS recommendations to handle chemical products safely.



T133580—UN—25AUG00

TX03679,00016D7 -19-14SEP00-1/1

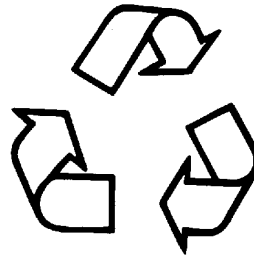
### Dispose of Waste Properly

Improper disposal of waste can threaten the environment. Fuel, oils, coolants, filters and batteries used with this machine may be harmful if not disposed of properly.

Never pour waste onto the ground, down a drain, or into any water source.

Air conditioning refrigerants can damage the atmosphere. Government regulations may require using a certified service center to recover and recycle used refrigerants.

If uncertain about the safe disposal of waste, contact your local environmental or recycling center or your John Deere dealer for more information.



T133567—UN—25AUG00

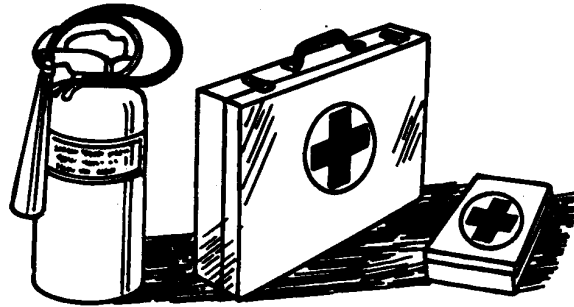
TX03679,0001733 -19-14SEP00-1/1

### Prepare for Emergencies

Be prepared if an emergency occurs or 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.



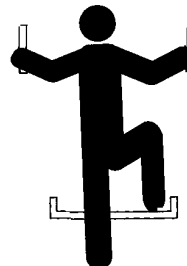
TS291—UN—15APR13

TX03679,000174B -19-03NOV08-1/1

### Use Steps and Handholds Correctly

Prevent falls by facing the machine when getting on and off. Maintain 3-point contact with steps and handrails. Never use machine controls as handholds.

Use extra care when mud, snow, or moisture present slippery conditions. Keep steps clean and free of grease or oil. Never jump when exiting machine. Never mount or dismount a moving machine.



T133468—UN—15APR13

TX03679,00016F2 -19-24APR13-1/1

### Start Only From Operator's Seat

Avoid unexpected machine movement. Before starting engine, sit in operator's seat. Ensure park lock lever is in "lock" position.

Never attempt to start engine from the ground or tracks. Do not attempt to start engine by shorting across the starter solenoid terminals.



T133715—UN—15APR13

TX03768,0000B71 -19-23FEB01-1/1

### Use and Maintain Seat Belt

**Use seat belt when operating machine.** Remember to fasten seat belt when loading and unloading from trucks and during other uses.

Examine seat belt frequently. Be sure webbing is not cut or torn. Replace seat belt immediately if any part is damaged or does not function properly.

**The complete seat belt assembly should be replaced every 3 years, regardless of appearance.**



# USE SEAT BELT

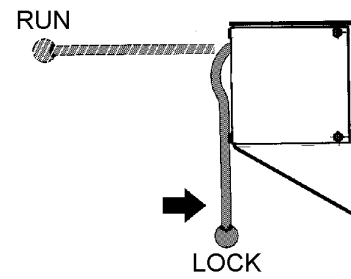
T133716—19—17APR13

TX03679,00016DD -19-03NOV08-1/1

### Prevent Unintended Machine Movement

**Always move the park lock lever to the "lock" position before leaving the operator's seat for any reason.**

Be careful not to accidentally actuate steering, travel or other controls. Engage park lock and lower work equipment to the ground during work interruptions. Stop the engine before allowing anyone to approach the machine. Follow proper parking procedures before leaving the operator's station.



T138408

T138408—UN—14MAR01

TX03768,0000B72 -19-05FEB01-1/1

### Avoid Work Site Hazards

**Avoid contact with gas lines, buried cables and water lines.** Call utility line location services to identify all underground utilities before starting work.

**Prepare work site properly.** Avoid operating near structures or objects that could fall onto the machine. Clear away debris that could move unexpectedly if run over.

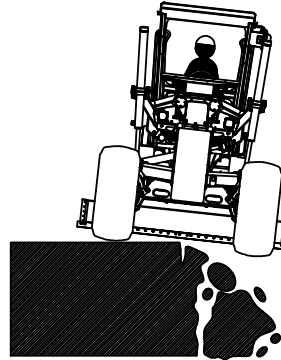
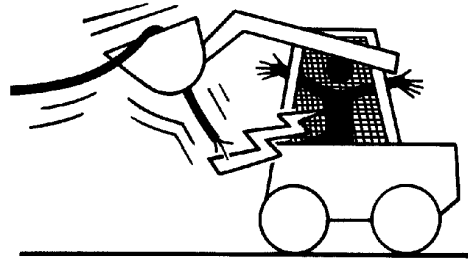
**Avoid boom or attachment contact with overhead obstacles or overhead electrical lines.** Never move machine closer than 3 m (10 ft) plus twice the line insulator length to overhead wires.

**Keep bystanders clear at all times.** Keep bystanders away from raised booms, attachments, and unsupported loads. Avoid swinging or raising booms, attachments, or loads over or near personnel. Use barricades or a signal person to keep vehicles and pedestrians away. Use a signal person if moving machine in congested areas or where visibility is restricted. Always keep signal person in view. Coordinate hand signals before starting machine.

**Operate only on solid footing** with strength sufficient to support machine. Be especially alert working near embankments or excavations.

**Avoid working under over-hanging embankments or stockpiles** that could collapse under or on machine.

**Reduce machine speed** when operating with tool on or near ground when obstacles may be hidden (e.g., during



snow removal or clearing mud, dirt, etc.). At high speeds hitting obstacles (rocks, uneven concrete or manholes) can cause a sudden stop. Always wear your seat belt.

AM40430,00009F -19-20JUL10-1/1

T192984—UN—26AUG03

T141904—UN—15MAY01

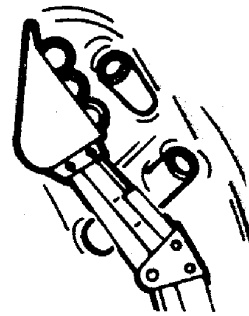
### Use Special Care When Operating Loader

**Never use the loader to lift people.** Do not allow anyone to ride in the bucket or use the bucket as a work platform.

**Operate carefully with raised loads.** Raising the load reduces machine stability, especially on side slopes or an unstable surface. Drive and turn slowly with a raised load.

**Ensure that objects in the bucket are secure.** Do not attempt to lift or carry objects that are too big or too long to fit inside the bucket unless secured with an adequate chain or other device. Keep bystanders away from raised loads.

**Be careful when lifting objects.** Never attempt to lift objects too heavy for your machine. Assure machine stability and hydraulic capability with a test lift before attempting other maneuvers. Use an adequate chain or



sling and proper rigging techniques to attach and stabilize loads. Never lift an object above or near another person.

TX03768,0000B70 -19-01FEB01-1/1

T137589—UN—25JAN01

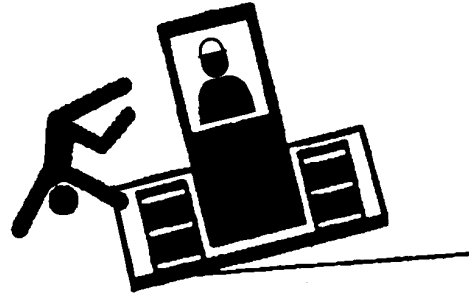


### Keep Riders Off Machine

Only allow operator on machine.

Riders are subject to injury. They may fall from machine, be caught between machine parts, or be struck by foreign objects.

Riders may obstruct operator's view or impair his ability to operate machine safely.



T137580—UN—22FEB01

TX03768.0000B73 -19-05FEB01-1/1

### Avoid Backover Accidents

**Before moving machine, be sure all persons are clear of the machine travel path.** Turn around and look directly for best visibility. Use mirror to assist in checking behind the machine. Keep windows and mirror clean and in good repair.

**Be certain backup warning alarm is working properly.**

**Use a signal person when backing if view is obstructed or when in close quarters.** Keep signal person in view at all times. Use prearranged hand signals to communicate.



T138441—UN—22FEB01

TX03768.0000B69 -19-29JAN01-1/1

### Avoid Machine Tipover

**Use seat belt at all times.**

**Do not jump if the machine tips.** You will be unlikely to jump clear and the machine may crush you.

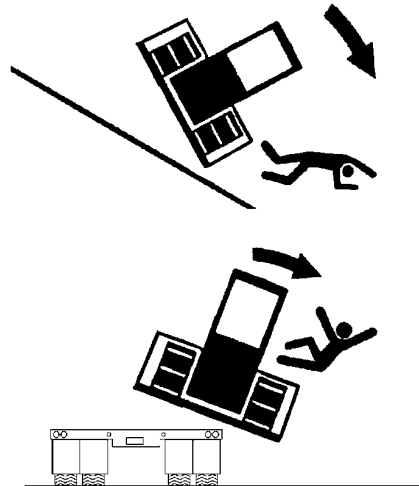
**Load and unload from trucks or trailers carefully.** Be sure truck is wide enough and secured on a firm level surface. Use loading ramps and attach them properly to truck bed. Avoid trucks with steel beds because tracks slip more easily on steel.

**Be careful on slopes.** Use extra care on soft, rocky or frozen ground because machine may slip sideways in these conditions. When traveling up or down steep slopes, keep the bucket or blade on uphill side and just above ground level.

**Ensure solid footing.** Use extra care when operating on stockpile materials, or near banks or excavations that may cave-in and cause machine to tip or fall.



**USE  
SEAT  
BELT**



T133716 —19—17APR13

T138416 —UN—22FEB01

T138415 —UN—22FEB01

TX03768,0000B6B -19-29JAN01-1/1

### Add and Operate Attachments Safely

Always verify compatibility of attachments by contacting your authorized dealer. Adding unapproved attachments may affect machine stability or reliability and may create a hazard for others near the machine.

Ensure that a qualified person is involved in attachment installation. Add guards to machine if operator protection

is required or recommended. Verify that all connections are secure and attachment responds properly to controls.

Carefully read attachment manual and follow all instructions and warnings. In an area free of bystanders and obstructions, carefully operate attachment to learn its characteristics and range of motion.

TX03679,00016F0 -19-12FEB07-1/1

### Park And Prepare For Service Safely

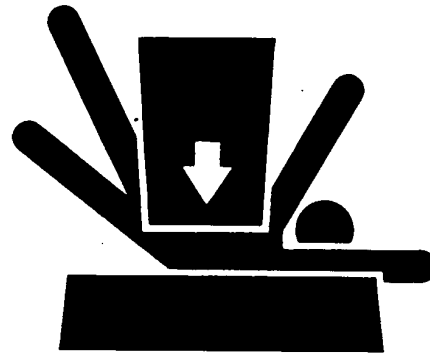
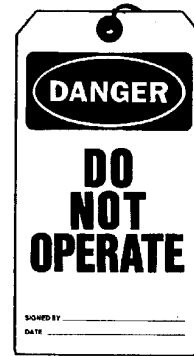
**Warn others of service work.** Always park and prepare your machine for service or repair properly.

- Park machine on a level surface and lower blade/bucket and attachments to the ground.
- Place park lock lever in “lock” position. Stop engine and remove key.
- Attach a “Do Not Operate” tag in an obvious place in the operator’s station.

Securely support machine or attachment before working under it.

- Do not support machine with blade/bucket or attachments.
- Do not support machine with cinder blocks or wooden pieces that may crumble or crush.
- Do not support machine with a single jack or other devices that may slip out of place.

Understand service procedures before beginning repairs. Keep service area clean and dry. Use two people whenever the engine must be running for service work.



TX03768,0000B6A -19-29JAN01-1/1

T133332—19—17APR13

TS229—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 -19-04JUN90-1/1

TS281—UN—15APR13

### Remove Paint Before Welding or Heating

Hazardous fumes can be generated when paint is heated by welding or using a torch. Dust from sanding or grinding paint can also be hazardous.

Remove paint to at least 76 mm (3 in.) from area to be heated. Wear an approved respirator when sanding or grinding paint. If a solvent or paint stripper is used, wash area with soap and water. Remove solvent or paint stripper containers from work area, and allow fumes to disperse at least 15 minutes before welding or heating.

Work outside or in a well-ventilated area. Dispose of waste, paint, and solvents properly.



TX03679,0001732 -19-29AUG07-1/1

T133546—UN—24AUG00

### Make Welding Repairs Safely

*NOTE: To avoid machine damage, disable electrical power before welding. Turn off main battery switch or disconnect positive battery cable. Separate harness connectors to engine and machine microprocessors.*

Avoid welding or heating near pressurized fluid lines. Flammable spray may result and cause severe burns if pressurized lines fail as a result of heating. Do not let heat go beyond work area to nearby pressurized lines.

Remove paint properly. Do not inhale paint dust or fumes. Use a qualified welding technician for structural repairs.

Make sure there is good ventilation. Wear eye protection and protective equipment when welding.



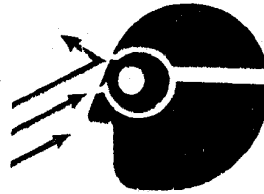
T133547—UN—15APR13

TX03679,00016D5 -19-02OCT00-1/1

### Drive Metal Pins Safely

Always wear protective goggles or safety glasses and other protective equipment before striking hardened parts. Hammering hardened metal parts such as pins and bucket teeth may dislodge chips at high velocity.

Use a soft hammer or a brass bar between hammer and object to prevent chipping.



T133738—UN—15APR13

TX03679,0001745 -19-03JAN07-1/1

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