9450, 9550 and 9650 Combines

John Deere Harvester Works OMH161677 Issue H9

LITHO IN U.S.A. ENGLISH

Introduction

INTRODUCTION



9650 Combine

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.

AG,OUO1035,309 -19-05FEB99-1/1

Page	Page
Safety Features	Using the Radio
Combine Safety Features	Weatherband
	Cassette Player
Safety	Deere-Delco AM/FM Radio with
	Weatherband and CD Player 25-23
Safety Decal Location	Using the Radio
	Weatherband
Controls and Instruments	Compact Disc (CD) Player
General View of Controls and Instruments 20-2	Using the CD Player
	Theft Deterrent Feature
Overhead Control Panel	Operating Tips About Your Audio System 25-32
Overhead Control Panel	Understanding Radio Reception
Overhead Warning Display Panel 25-2	COMMANDTOUCH Armrest Console
Unload Auger On	Switch and Knob Colors
Low Fuel	Drive Engagement Switches (Yellow) 30-2
Park Brake On	Header Engage Switch (Yellow)30-3
Main Gearcase Drive Filter25-4	Separator Engage Switch (Yellow) 30-4
Main Gearcase Temp25-4	Operating Adjustments and Control (Black) 30-5
Hydraulic Oil Temp25-4	Active Header Control (AHC)™
Voltage	DIAL-A-SPEED™(Optional)
ENG (Engine) Air Filter	CommandTouch™Armrest Console 30-8
Separator Plugged	Road Transport Disconnect Switch (Black) 30-9
Grain Tank Full	Draper Belt Speed Switch (optional) (Black) 30-9
Hydro Charge Pressure	Manual Reel Speed Switch (Black) 30-10
Main Gearcase Lube	Concave Clearance Switch (Black) 30-10
ENG (Engine) Temperature	Cylinder Speed Switch (Black)
Straw Chopper (Optional)	Cleaning Fan Switch (Black)
Grain Separator	Ground Drive and Engine Speed Switches 30-11
Auger Conveyor	Engine Speed Switches (Orange) 30-12 Four Wheel Drive (Orange) (Optional) 30-13
Grain Elevator	Multi-Function Handle
Tailings Elevator	Quick Stop Switch
Cylinder Speed	Unloading Auger Swing Switch (Black) 30-17
Engine Speed	Unloading Auger Drive Switch (Yellow) 30-18
ClimaTrak™Automatic Temperature Control 25-10	Header Lift Switch
Windshield Wiper and Windshield Washer	CONTOURMASTER™ Manual Tilt Switch 30-20
(Optional)	Reel Lift/Reel Fore and Aft Switch 30-21
Deere-Delco Radios (Optional)25-12	Activation Buttons (Black) 30-22
Deere-Delco AM/FM Stereo Radio with	,
Weatherband	COMMANDTOUCH Cab Corner Post
Weatherband	COMMANDTOUCH™Cab Corner Post 35-2
Deere-Delco AM/FM Stereo Radio with	
Weatherband and Cassette Player 25-16	Continued on next page

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A John Deere ILLUSTRUCTION[®] Manual

Page	Page
Active Header Control (AHC)™Display	Seat Belts
(Optional)	Power Strip Electrical Outlets
Header Height Resume	GREENSTAR™ (Attachment)
Header Height Sensing (Optional)	Cab Ladder
CONTOURMASTER™ (Optional)	Cab Ladder Positions
VISIONTRAK™ Display	Cab Landing Safety Chains
VISIONTRAK™Display Control Switches 35-11	Fire Extinguisher Recommendations 45-10
Adjustable Deck Plate Position (Optional	Front Fire Extinguisher Mounting
on 90 Series Corn Head)	Rear Fire Extinguisher Mounting 45-11
Tailings Sensor Display	Washing Cab Windows, Servicing Head
Tailings Sensor Display Operational Check 35-15	Lights and Wiper
VISIONTRAK™Performance Monitor 35-17	Right-Hand Side Cab Access 45-13
Shoe Loss	Grain Tank Window/Rear Cab Window
Separator Loss	Cleaning
Total Loss	Horn
VISIONTRAK™Performance Monitor	Shifting Feeder House/Header Reverser 45-15
(General Information)	Steering Column
Preliminary Adjustments on Combine 35-20	Steering Wheel Height Adjusting 45-17
Operating VISIONTRAK™Performance	Steering Column Tilt Adjusting 45-17
Monitor	Gear Shift Lever
Triple Display Tachometer	Manual Parking Brake
Control Switches	Brake Pedals
Fuel Gauge	Sun Visor
Coolant Temperature Gauge 35-25	
Digital Display Lines	Lights and Signals
	Light Switches
Calibration Procedures	Warning Lights50-2
When to Calibrate	Road Lights
Concave Sensor Zero Calibration 40-1	Field Lights
Header Calibration	Turn Signals
CONTOURMASTER™Angle Sensor	Cab Interior Lights 50-5
Calibration	Side Finder Lights
Deck Plate Sensor Zero Calibration 40-17	Unloading Auger Light 50-6
Calibration Codes	Work Lights (Optional) 50-7
Error Codes	Rear Residue Discharge Lights 50-8
	Cleaning Shoe Lights
Operators Station	Service Power Receptacles (Optional) 50-10
Filling Windshield Washer Reservoir	D (() O
(Attachment)	Prestarting Checks
Tool Box	Daily Checks
Armrest Storage Box	Engine Oil Level
Combine Video	Hydrostatic/Hydraulic Oil Levels
Storage Tray/Recirculator Filter	Coolant Level
Manual Storage	Fuel Level
Emergency Exit	Fuel System
Cup Holder	Tires
Ash Tray	Start Switch
COMFORTCOMMAND™Operators Seat 45-4 Seat Suspension and Forward and	S.a.t. S.iit.
Rearward Adjustment	Operating the Engine
Adjusting Left-Hand Armrest and Seat Back 45-6	Safety Rules for Starting Engine 60-1
Adjusting Right-Hand Armrest and Control	carety reads for searing Engineer
Console	Continued on next page

Page	Page
Starting the Engine	Cylinder Top Access Door 80-2
Warming up Engine 60-3	Bottom Feeder House Door and Feedplate
Stopping the Engine 60-4	Seal Support
Breaking-In Engine 60-5	Raised Feed Plate Adapter Kit (for Small
Hot Weather Operation 60-7	Grain Only)80-3
Handle Starting Fluid Safely 60-8	Stone Trap
Using Starting Fluid 60-8	Leveling Header (without
Cold Weather Operation	CONTOURMASTER™)80-5
Coolant Heater 60-10	Feeder House Strippers
	Adjusting Feeder Conveyor Chain 80-7
Transporting	Removing Conveyor Chain Links 80-8
Driving the Combine on Roads	Checking Feeder Conveyor "Float" 80-8
Transporting Combine on a Trailer 65-7	Adjusting Conveyor "Float" 80-9
Towing	Changing Feeder Conveyor Speed 80-10
· · · · · · · · · · · · · · · · · · ·	Adjusting Feeder Conveyor Drive Chain 80-12
Crop Settings and Seed Loss Charts	Slip Clutch
Harvesting Hints	Feeder House Top Shaft Stripper
Crop Settings	Adjustment
Alfalfa	Feeder House Top Shaft Sprockets 80-13
Barley (Feed and Malting)	Header Harness Connector Storage 80-20
Beans (Edible) and Black-Eyed Peas 70-4	Adjusting Variable Speed Feeder House
Beans (Soy)	Belt
Canola (Canadian Spring) 70-5	Replacing Variable Speed Feeder
Canola (U.S. Winter)	House Belt
Corn (Shelled)	Adjusting Air Flow Drive Belt 80-23
Corncob Mix	Replace Air Flow Drive Belt 80-23
Flax	Adjusting Fixed Speed Feeder House Belt 80-24
Grass Seeds	Replacing Fixed Speed Feeder House Belt 80-25
Guar (Cluster Bean)	Left-Hand Hose Storage 80-25
Millet (Proso)	Right-Hand Hose Storage
Mustard	Adjusting Reverser Shifter Fork and
Oats	Control Cable
Peas (Field)	Manual Tilt Indicator80-29
Popcorn	Removing Header from Feeder House 80-29
Rice	
Rye	Shields
Safflower	Left- and Right-Hand Gull Wing Doors 85-1
Sorghum	Right-Hand Rear Shield 85-2
Sunflowers	Left-Hand Side Separator Side Shields 85-3
Wheat70-9	Right-Hand Side Separator Side Shield 85-4
Seed Loss Chart (Platforms) 70-10	Cleaning Composite Panels 85-5
Soybean Loss Chart (Row-Crop Heads) 70-11	
Combine and Corn Head Check List 70-12	Separator
High-Moisture and Dry Corn Flow Chart 70-13	Left-Hand Drives and Part Numbers 90-1
Corn Kernel Loss Chart 70-15	Right-Hand Drives and Part Numbers 90-3
Power Shutdown Procedure 70-16	Single-Range POSI-TORQ™ Cylinder
	Drive (9450 Corn Combine Only) 90-4
Combine Cleanout	Dual-Range POSI-TORQ™ Cylinder
Cleaning Out the Combine	Drive (9450 Corn Combine) 90-5
-	Dual-Range POSI-TORQ™ Cylinder
Feeder House	Drives (9550 and 9650 Corn Combines)90-5
Hydraulic Cylinder Safety Stop	,
Feeder House Doors 80-1	Continued on next page

Page	Page
Single-Range Cylinder Drive (9450, 9550 and 9650 Grain Combines Only) 90-6	Adjusting Precleaner
Slow-Speed Drive (Dual-Range Only)	Sieve 90-38
(Attachment)	Removing Chaffer, Sieve or Precleaner 90-39
Dual Range Cylinder Drive Shear Bolts 90-7	General Purpose Chaffer, 29 mm (1-1/8 in.) 90-39
High-Range Direct Drive (480-980 RPM) 90-8	Non-Adjustable Chaffer
Low Range (Reduced-Drive) (240-480 RPM) 90-8	Semi-Deep Tooth Chaffer90-40
Unplugging Cylinder with Breaker Bar 90-9	Sieve
Power Unplugging of Cylinder	General Purpose Precleaner
Setting Cylinder Access Door to Cylinder 90-12	Deep-Tooth Precleaner
Cylinder Vibration	Chaffer, Sieve or Precleaner Repair 90-42
Adjusting Cylinder Drive Gap 90-13	Chaffer Finger Bar Cover (Attachment) 90-42
Aligning Cylinder Drive	Clean Grain Elevator Top Access Doors for
Adjusting Cylinder Belt Idler	Drives
Replacing Cylinder Intermediate Belt 90-17	Replacing Clean Grain Elevator Belt 90-44
Replacing Cylinder Belt	Adjust Clean Grain Elevator Drive Belt 90-45
When to Use What Rasp Bar 90-18	Adjusting Clean Grain Elevator Chain 90-45
Hardened and Non-Chromed (Black)	Perforated Screens (Attachment)
Rasp Bar	Tailings Sample
Hardened and Chromed Rasp Bar 90-19	Replacing Tailings Auger and Elevator
Smooth Rasp Bar	Drive Belt
Replacing Rasp Bars and Filler Plate 90-20	Tailings Elevator Paddles
Rear Concave Inserts (Corn Combines) 90-21	Adjusting Tailings Elevator Belt
Front Concave Closure Plates (Attachment) 90-22	
Rear Concave Closure Plates (Attachment) 90-22	Adjusting Tailings Elevator Drive Chain 90-49 Adjusting Tailings Elevator Paddle Chain 90-49
Beater Grate Curtain (Attachment)	Adjusting Upper Tailings Auger Drive Chain 90-50
Adjusting Beater Grate (Rasp Bar Cylinder) 90-24	Tailings Elevator Slip Clutch
Adjusting Finger Bar (Spike-Tooth Cylinder) 90-25 Straw Walkers Access Door 90-25	Tailings Elevator Stip Glaterr
Adjusting Beater Belt Idler	Oh ann an and On an adams
Replacing Beater Belt	Chopper and Spreaders
75 Per Cent Beater Speed (Optional)90-27	Chopper (General Information)
Adjusting Secondary Countershaft Belt 90-27	Adjusting Tailboard Angle95-5
Replacing Secondary Countershaft Belt 90-28	Adjusting Chopper Vanes
Adjusting Reel/Belt Pickup Pump Belt 90-28	Replacing Knife Sections
Replacing Header/Reel/Belt Pickup	·
Pump Belt90-29	Replacing Chopper Blades (Regular Chopper)95-8
Separator Curtains	Replacing Fine Cut Chopper Blades
Adjusting Straw Walker Gearcase Belt 90-30	(Optional)
Straw Walker Extension Pans 90-31	Moving Chopper to Windrow Position95-12
Straw Walker Sunflower Flaps 90-31	Installing Short Windrow Drive Belt
Adjusting Straw Walker Plugging Switch 90-32	(Optional) (Regular Straw Chopper) 95-14
Adjusting Cleaning Shoe Auger Gears 90-32	Installing Short Windrow Belt (Optional)
Cleaning Shoe Augers Slip Clutch 90-33	(Fine Cut Chopper) 95-16
Replacing Cleaning Shoe Belt 90-33	Adjusting Chopper Drive Belt Idler 95-17
Replacing Cleaning Fan Belt 90-34	Changing Chopper Speeds 95-18
Fan Bottom and Clean Grain Auger	Replacing Chopper Belts 95-20
Protection Shields	Straw Spreader (General Information) 95-20
Slow Speed Cleaning Fan Drive	Replacing and Adjusting Straw Spreader
(Attachment) 90-36	Belt
Chaffer Fingers Storage 90-36	Chaff Spreader (Optional) 95-21
Using Chaffer Fingers	
Precleaner Tool Storage90-37	Continued on next page

iv

Page	Page
Operating the Chaff Spreader	Service Intervals
Grain Tank and Unloading System Grain Tank/Engine Ladder	After 100 Hours of Engine Operation 110-5 10 Hours or Daily 110-6 50 Hours or Weekly 110-9 100 Hours 110-13 200 Hours 110-14 400 Hours or Yearly 110-16 800 Hours or Every Two Years 110-27 2000 Hours 110-28 As Required 110-31 Cleaning Combine 110-32
Folding Grain Tank Loading Auger	Engine Service Rear Ladder and Landing
Replacing Unloading Auger Drive Belt	Changing Starting Fluid Cans115-2Belt Shield115-3Engine Access Panel115-3Fuel System115-4Do Not Modify Fuel System115-4Handle Fuel Safely—Avoid Fires115-5
Installing and Timing Unloading Auger (All Augers)	Check Engine Oil 115-6 Fuel Tank and Cap 115-7 Electric Fuel Pump 115-7
Fuels and LubricantsDiesel Fuel105-1Fuel Storage105-2Fill Fuel Tank105-3	Draining Water Separator
Liquid Coolant Conditioner	9650 Combines)
Intervals	Combines)
Oils	Bleeding Fuel Lines
Grease 105-8 Brakes 105-8 Lubricant Storage 105-9	Replacing Engine Fan Belt (9650 Combines)
Alternative and Synthetic Lubricants	Engine Accessory Drive Belt Routing
Lubrication and Maintenance Servicing During the Break-In Period (First 100 Hours)	Combines)

Page	Page
. 490	. 250
Replacing Rotary Screen Drive Belt (9450 and 9550 Combines)	Connecting Battery Cables120-18Charging Batteries120-19Prevent Battery Explosions120-19Checking Specific Gravity120-20Connecting Booster Batteries120-20Starter120-21
Replacing Rotary Screen Rake Bar 115-21 Removing Air Cleaner Filters (9550 and	Alternator and Voltage Regulator
9650 Combines)	Alternator Belt Adjustment or Replacement 120-23 Header Drive Electromagnetic Clutch 120-24
Cleaning Element	Communications/CB Radio Outlet
Combines)	Hydraulic System
Cleaning Element	Hydraulic System (General Information) 125-1 Hydraulic System Cleanliness
Electrical System Service	Right-Hand Hose Storage
Circuit Breakers and Relays (Engine	Adjusting Header Drop Rate (With Active
Compartment)	Header Control™)
Fuses and Relays (Central Electronics Box) 120-2	Accumulator (General Information) 125-4
Fuses and Relays	One Gallon Accumulator System (Optional) 125-4
Power Distribution Board Relay Identification 120-4	Accumulator Precharge
Power Distribution Board Fuse Identification 120-4	Header Flotation Gauge
Safety Rules When Replacing Halogen	Accumulator Adjustment
Bulbs	Reel/Belt Pickup Pump Belt Adjustment 125-7
Replacing Bulbs	Header/Reel/Belt Pickup Pump Belt Replacement125-7
Bulb Part Numbers	Replacement
Cab Head Light Bulb Replacement and	0 10: 10 110 :
Adjustment	Ground Drive and Rear Axle Service
Auxiliary Field Light Bulb Replacement 120-8	Service Tires Safely
Side Finder Light Bulb Replacement 120-8	Care and Service of Tires
Grain Tank Light Bulb Replacement	Using Liquid Weight
Replacing Cleaning Shoe Light Bulb	Tire Loading Decal
Warning Light Bulb Replacement	Combine)
Front Turn Signal, Tail Light, Warning (Flasher) Light and Side Light Bulb	Allowable Carrying Capacity of Tires (9550
Replacement	Combine)
Turn Signal Indicator Bulb Replacement 120-11	Allowable Carrying Capacity of Tires (9650
Dome and Console Light Bulb	Combine)
Replacement	Transporting
CommandTouch™ Corner Post Monitor	Drive Wheel Starter Stud
Light Bulb Replacement 120-12	Rear Wheel Bolt Torque
Accumulator Gauge (Optional) Bulb	Drive Wheel Bolt Torque
Replacement	Dual Wheels Bolt Torque
Warning Display Panel Light Bulb	Drive Tire Spacing (9450 and 9550
Replacement	Combines)
Observe Electrical Precautions	Drive Tire Spacing (9650 Combines with
Electrical Connector Handling	Heavy Duty Final Drives)
Prevent Damage to Electrical Systems 120-17	
Battery Replacement	Continued on next page

Page	Page
Drive Tire Spacing (9650 Combines with Regular Duty Final Drives)	Separator 145-3 Hydrostatic Ground Drive 145-7 4-Wheel Drive (Optional) 145-10 Steering 145-11 Brakes 145-11 Engine 145-12 Heater 145-16 Air Conditioning 145-17
Rubber Belted Tracks (Optional) 130-12 Hydro Linkage Adjustment 130-12 Cleaning Hydrostatic Oil Cooler 130-13 Brake Fluid Reservoir 130-14 Brake System 130-14 Adjusting Gearshift Linkage 130-15 Rear Axle Adjustment 130-16 All Combines Except Those Equipped with	StoragePreparing Air Conditioner for Storage150-1Preparing Engine for Storage150-1Preparing Combine for Storage150-2Removing Combine from Storage150-2Feeder House Adjustments150-3Combine Adjustments150-4
68 X 50-32 Drive Tires, 35.5L-32 Drive Tires, Duals or Tracks	SpecificationsEmissions Control System Certification Label.155-1U.S. Emissions Control Warranty Statement (United States Only).155-2Operating Speeds.155-2Ground Speeds (Fast Idle)155-4Turning Radius.155-5Specifications - 9450 Combines155-6Specifications - 9550 Combines155-7
Air Conditioning and Heater Service Observe Air Conditioning Precautions	Specifications - 9650 Combines
Cleaning Fresh Air Filter and Recirculating Filter	Machine Identification NumbersIdentification Plates160-1Combine Identification Number160-1Engine Serial Number for 9450 Combines160-1Engine Serial Number for 9550 and 9650160-2Combines160-2Hydrostatic Drive Unit Pump160-2Hydrostatic Drive Unit Motor160-2Cam Lobe 4-Wheel Drive Motor160-2Engine Gearcase160-3Transmission160-3
Diagnostic Trouble Codes Diagnostic Trouble Code Priorities	Crime Prevention TipsHelp Prevent Crime
Trouble Shooting Troubleshooting	Park Indoors Out of Sight

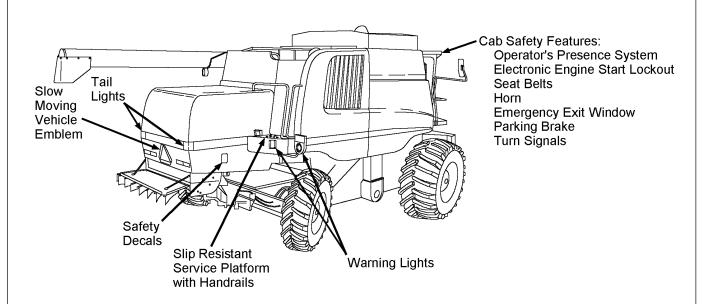
vii

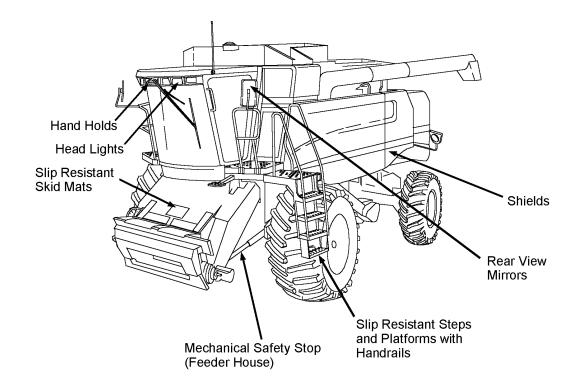
	Page
When Parking Outdoors	165-3
John Deere Service Literature Available	1
John Deere Service Keeps You On The Job	2

viii 082099 PN=8

Safety Features

COMBINE SAFETY FEATURES





In addition to the safety features shown here, other components and systems, safety signs on the machine, and safety messages and instructions in the operator's manual contribute to the safe operation of this combine when combined with the care and concern of a capable operator.

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Safety

RECOGNIZE SAFETY INFORMATION

This is a 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.



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.

A DANGER

AWARNING

ACAUTION

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DX,SIGNAL -19-03MAR93-1/1

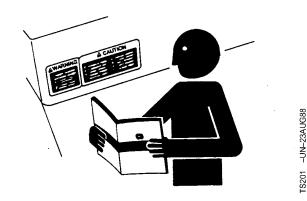
FOLLOW SAFETY INSTRUCTIONS

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 -19-03MAR93-1/1

DRIVING THE COMBINE

Operate combine only when all guards are fitted and in their correct position.

Before driving away, check immediate vicinity of machine for bystanders. Use the horn as a warning immediately before driving away.

Follow instructions in header Operator's Manual when attaching or detaching the header.

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KEEP RIDERS OFF MACHINE

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

Riders are subject to injury such as being thrown off the machine. Riders also obstruct the operator's view resulting in the machine being operated in an unsafe manner.

Extra seat should only be used for training purposes or short period of observation.



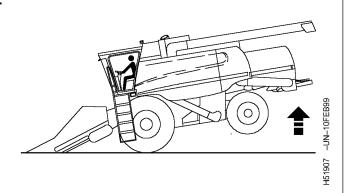
DX,RIDER -19-03MAR93-1/1

BALLASTING FOR SAFE GROUND CONTACT

Operating, steering and braking performance of combine can be considerably affected by heavy front end attachments which alter the center of gravity of the combine.

To maintain the necessary ground contact, ballast the combine at the rear end as necessary.

Observe the maximum permissible axle loads and total weights.

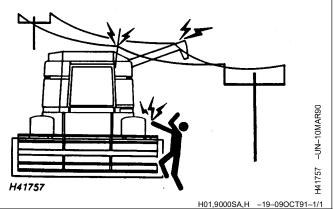


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AVOID ELECTRICAL POWER LINES

Put the grain tank unloading auger in transport position before driving on public roads.

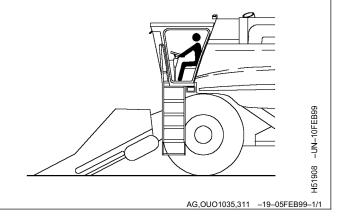
Secure radio aerial in its transport position before driving on public roads, it may come into contact with low-hanging electrical cables. This would result in the operator suffering a severe electrical shock.



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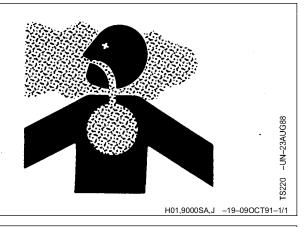
PARK THE COMBINE SAFELY

Lower headers or other equipment to the ground before leaving the combine. Set park brake, turn off engine and remove keys.



OPERATE THE ENGINE OUTDOORS

Never operate the engine in a closed building.



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.



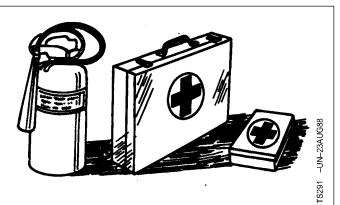
DX,FIRE1 -19-03MAR93-1/1

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 -19-03MAR93-1/1

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.



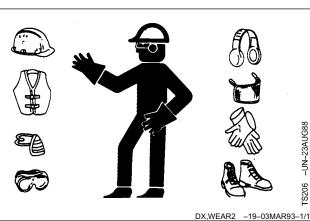
FS1356 -UN-18MAR92

DX,FIRE3 -19-16APR92-1/1

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.



10-5

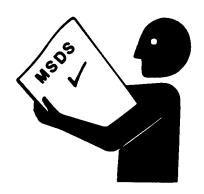
HANDLE CHEMICAL PRODUCTS SAFELY

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.)



1132 -UN-26NOV90

DX,MSDS,NA -19-03MAR93-1/1

STAY CLEAR OF HEADER

Many moving parts such as the cutting platform auger, reel, gatherer chain and stalk rolls of the corn head, cannot be completely shielded due to their function. Stay clear of these moving elements during operation! Always disengage header drive, shut off the engine and remove key before servicing or unclogging header.



H01,9000SA,C -19-11SEP92-1/1

KEEP HANDS AWAY FROM KNIVES

Never attempt to clear obstructions in front of or on header unless separator is disengaged, engine shut off and key removed.

Everyone must be clear of the combine before starting the engine



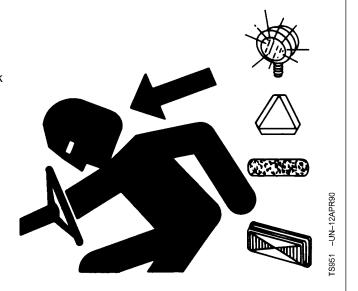
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H01,9000SA,D -19-20MAR90-1/1

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 -19-12SEP95-1/1

USE SEAT BELTS

Use the seat belt whenever you operate the combine or ride as an observer.



HX,9000SA,K -19-25OCT95-1/1

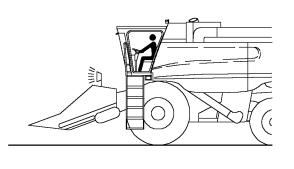
TRANSPORT COMBINE WITH HEADER SAFELY

Whenever possible avoid transporting on public roadways with the header attached.

If the combine must be transported with the header attached, make sure that the flashing warning lights on the header are operating and the reflective material is clean and visible.

The use of a spotter or pilot vehicle is recommended on busy, narrow or hilly roads and when crossing bridges.

Drive at a speed that is safe for conditions.



H51909 -UN-07MAY99

AG,OUO1035,312 -19-05FEB99-1/1

PREVENT MACHINE RUNAWAY OR UNEXPECTED MOVEMENT

Avoid injury or death from unexpected movement of machine or components.

Do not start engine by shorting across starter or solenoid terminals. Machine or components may move if the normal circuitry is bypassed.



AG,OUO1035,792 -19-08JUL99-1/1

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 and set the parking brake. 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.



S218

AG,OUO1035,508 -19-05MAY99-1/1

REMOVE PAINT BEFORE WELDING OR HEATING

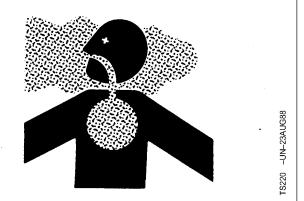
Avoid potentially toxic fumes and dust.

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 -19-03MAR93-1/1

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.



DX,TORCH -19-03MAR93-1/1

AVOID CONTACT WITH MOVING PARTS

Keep hands, feet and clothing away from power driven parts. Never clean, lubricate or adjust machine when it is running.



CLEANING THE GRAIN TANK AND REMOVAL OF BLOCKAGES

Avoid serious injury or death from entanglement in the grain tank cross augers. For functional purposes the cross augers cannot be completely covered. Do not enter the grain tank when the engine is running. Before entering the tank to clean out residual grain, always shut off the engine and remove the key

If grain bridges and fails to flow into the cross augers, shut off the engine, remove the key and from a position on the engine compartment door use a rod, broom or shovel to break the bridge and restore grain flow.



TS256 -UN-23AUG88

HX,9010SA,C -19-09SEP97-1/1

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