

9570 STS Combine

(Serial No. 9570 STS 725101-)



DCY

OPERATOR'S MANUAL 9570 STS Combine

OMH229934 Issue A8 (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.

John Deere Harvester Works
LITHO IN U.S.A.



OMH229934

Introduction

Foreword



H87218 -JUN-17/JAN07

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.

Contents

Page	Page
Safety Features	
Machine Safety Features	05-1
Safety	10-1
Safety Sign Location	
Cab View Decals	15-1
Front View Decals	15-2
Feeder House/Cab Ladder Decals	15-3
Left-Hand View Decals	15-4
Left-Hand Rear View Decals	15-5
Rear View Decals	15-6
Engine View Decals	15-7
Right-Hand Rear View Decals	15-8
Right-Hand View Decals	15-9
Top View Decals	15-10
Controls and Instruments	
General View of Controls and Instruments	20-1
Overhead Control Panel	
Overhead Control Panel	25-1
CLIMATRAK Automatic Temperature Control	25-2
Mirror Control Switch (Optional)	25-2
Mirror Heater Switch (Optional)	25-3
Windshield Wiper/Windshield Washer Switch	25-3
Deere-Delco Radios (Optional)	25-4
Deere-Delco AM/FM Stereo Radio with Weatherband	25-5
Deere-Delco Radio Weatherband	25-6
Programming Radio for Local Area Frequency	25-7
Deere-Delco AM/FM Radio with Weatherband and CD Player	25-8
Operating Tips About Your Audio System	25-10
Antenna	25-11
Communications/CB Radio Mounting	25-11
CommandCenter Display Indicators	
CommandCenter Display Warning Indicators	30-1
Informational Display Warnings	30-2
CommandCenter Display Screens	
CommandCenter Display	35-1
CommandCenter Display Icon Identification	35-3
Home Pages	35-5
Manual Recording ON/OFF	35-6
Reconfigure Detail Machine Settings Page	35-7
Harvesting Information Pages	35-8
Select Yield Wet or Dry and Cut Width Change	35-11
Clear Distance Area Counter or Weight and Moisture Counter	35-12
Clear Field Totals/Print Field Totals	35-13
Clear Crop Totals/Print Crop Totals	35-14
Setup Pages	35-15
Automatic Combine Adjust (ACA) Crop Settings	35-18
Change Machine Settings	35-19
Change Crop and Seed Sensitivity Size	35-21
Choose Existing Farm/Field or Name New Farm/Field	35-23
Delete Existing Farm/Field Name	35-26
Change Header Settings	35-27
Change Moisture Settings and Yield Units	35-29
Payable Moisture and Density Chart	35-32
Standard Weights Chart	35-33
Harvest Smart Feed Rate (Optional)	35-33
Diagnostics and Calibration Pages	35-34
Backlight Level Control and Boundary Box Color	35-35
Regional Settings, Time/Date Settings, Units of Measurement	35-37
Diagnostic Readings, Tests, About	35-40
User Interface Module (UIM)	35-43
Message Center	35-45
CommandTouch Armrest Console	
Switch and Knob Colors	40-1
Armrest Console Controls	40-2
Header Engage and Feeder House Reverser Switch (Yellow)	40-4
Shifting Feeder House Reverser	40-5

Continued on next page

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Contents

	Page		Page
Gearshift Lever	55-11	Feeder House Front Drum Deflectors	70-8
Manual Parking Brake	55-11	Feeder House Conveyor Speed—Changing	70-9
Brake Pedals	55-11	Feeder House Conveyor Speed (Optional High Speed Feeder House Sprocket)— Changing	70-11
Grain Tank Window/Rear Cab Window Cleaning	55-12	Feeder House Conveyor Drive Chain— Adjusting	70-13
Tool Box	55-12	Feeder House Slip Clutch	70-13
CLIMATRAK Air Conditioning/Heating System		Feeder House Top Shaft Stripper— Adjusting	70-14
CLIMATRAK Air Conditioner Servicing	60-1	Feeder House Top Shaft Sprockets	70-14
CLIMATRAK Air Conditioning System (General Information)	60-2	Feeder House Variable Speed Drive Belt— Replacing	70-15
CLIMATRAK Inlet Panel—Cleaning	60-3	Feeder House Variable Speed Drive Belt— Adjusting	70-17
CLIMATRAK Precleaner—Cleaning	60-3	Header Reel/Belt Pickup Pump Belt (Variable Speed Feeder House)— Replacing	70-20
CLIMATRAK Fresh Air Filter—Removing	60-4	Header Reel/Belt Pickup Pump Belt (Variable Speed Feeder House)— Adjusting	70-25
Recirculating Filter—Removing	60-4	Feeder House Fixed Speed Drive Belt— Replacing	70-25
CLIMATRAK Fresh Air Filter and Recirculating Filter—Cleaning	60-5	Feeder House Fixed Speed Drive Belt— Adjusting	70-26
CLIMATRAK High Pressure Switch	60-5	Header Reel/Belt Pickup Pump Belt (Fixed Speed Feeder House)—Replacing	70-27
CLIMATRAK Low Pressure Switch	60-6	Header Reel/Belt Pickup Pump Belt (Fixed Speed Feeder House)—Adjusting	70-29
Lights and Signals		Manual Tilt Indicator (Contour-Master)	70-30
Light Switches	65-1	Attach Multi-Coupler and Single Point Latching	70-30
Dimmer Switch	65-1	Attaching and Detaching Header from Feeder House	70-33
Hazard Lights	65-2	Single Point Latching—Adjusting	70-34
Road Lights	65-3	Level Land Feeder House Lower End Cable—Adjusting	70-36
Field Lights	65-4	Level Land Feeder House—Shim Adjusting	70-36
Work Lights	65-6	Feeder House Latching Pins (Cleanout)	70-37
Side Finder and Grain Tank Lights	65-7	Feeder House Manual Unlatching	70-37
Lighting Delay/Timeout	65-7	Shear Screw Location	70-37
Cleaning Shoe Lights	65-8		
Service Lights (Optional)	65-9	Shields	
Engine Compartment Service Lights (Optional)	65-10	Gull Wing Doors	75-1
Rear Residue Discharge Lights	65-11	Left-Hand Side Shields	75-2
Turn Signals	65-11	Right-Hand Side Shields	75-4
Cab Interior Light	65-12	Separator Covers	75-6
Stop Lights	65-12	Composite Panels—Cleaning	75-6
Exit Lighting	65-13		
Unloading Auger Light	65-13	Separator	
Feeder House		Feed Accelerator—Wing Replacing	80-1
Hydraulic Cylinder Safety Stop	70-1		
Feeder House Side Shields	70-1		
Feeder House Doors	70-2		
Feed Accelerator Top Access Door	70-2		
Feeder House Bottom Door and Feedplate Seal Support	70-3		
Stone Trap	70-4		
Feeder House Fore/Aft Tilt Frame—Adjusting	70-4		
Feeder House Conveyor Chain Links— Removing	70-6		
Feeder House Conveyor Chain—Adjusting	70-7		
Feeder House Drum—Height Adjustment	70-8		

Continued on next page

Contents

	Page		Page
Standard Speed High Capacity Feed		Chaffer/Sieve Adjusting Switch (Optional)	80-34
Accelerator Belt—Replacing	80-2	Chaffer/Sieve Elements—Remove and	
Feed Accelerator Belt—Adjusting	80-3	Install	80-34
Feed Accelerator Slow Speed Drive		Chaffer/Sieve Motor—Manual Adjust	
(Attachment)	80-4	(Optional)	80-38
Feed Accelerator Speed	80-4	Clean Grain Elevator Drive Top Access	
Standard Speed High Capacity Feed		Doors	80-39
Accelerator—Changing	80-5	Clean Grain Elevator Belt—Adjusting	80-39
Feed Accelerator Smooth Wear Strips		Clean Grain Elevator Conveyor Chain—	
(Attachment)	80-5	Adjusting	80-40
Concave Round Bar Inserts (Attachment)	80-6	Clean Grain Elevator Perforated Screens	
Concave Cover Plates (Attachment)	80-6	(Attachment)	80-40
Separator Grate Spacers	80-7	Tailings Elevator Paddles	80-40
Concave Sections—Remove and Install	80-7	Tailings Elevator Drive Belt—Adjusting	80-41
Concave Leveling	80-14	Tailings Elevator Paddle Chain—Adjusting	80-41
Posi-Torq™ Separator—Dual-Range	80-19	Upper Tailings Auger Drive Chain—	
Separator Drive Sheave Gap—Adjusting	80-20	Adjusting	80-42
Separator Variable Drive Belt—Replacing	80-22	Drive Belts—Left-Hand	80-43
Auger Bed Dividers	80-23	Drive Belts—Right-Hand	80-44
Discharge Beater Belt—Adjusting	80-23	Rotor Anti-Wrap Kit (Field Installed	
Discharge Beater Belt—Replacing	80-23	Attachment)	80-44
Discharge Beater—Wing Replacing	80-24	Threshing Elements and Tines—Remove	
Countershaft Right-Hand Front Belt—		and Install	80-45
Adjusting	80-25	Threshing Element and Separator Tine	
Countershaft Right-Hand Front Belt—		Location	80-47
Replacing	80-25	Feed Accelerator—Unplugging	80-48
Countershaft Right-Hand Rear Belt—		Separator—Unplugging	80-49
Adjusting	80-26	Discharge Beater—Unplugging	80-50
Countershaft Right-Hand Rear Belt—			
Replacing	80-26	Chopper and Spreader	
Cleaning Shoe Inspection Door	80-27	Chopper (General Information)	85-1
Cleaning Shoe Auger Gears—Adjusting	80-27	Chopper Tailboard—Adjusting	85-1
Shoe, Fan and Conveyor Auger Belt—		Chopper Vanes—Adjusting	85-2
Adjusting	80-27	Chopper Vanes—Factory Settings	85-3
Shoe, Fan and Conveyor Auger Belt—		Chopper Door Position	85-5
Replacing	80-28	Crop Diverter	85-6
Cleaning Fan Belt—Replacing	80-28	Air Chutes	85-7
Cleaning Fan Actuator—Adjusting	80-29	Chopper Stationary Knifebank—Adjusting	85-7
Slow Speed Cleaning Fan Drive		Chopper Controller Bar (Optional)	85-8
(Attachment)	80-29	Chopper Stationary Knife Blades—Replacing	85-8
Deep-Tooth Front Chaffer	80-29	Chopper Blades—Replacing and	
Chaffer and Sieve—Measuring	80-30	Configuration	85-10
General Purpose Chaffer 29 mm (1-1/8 in.)	80-30	Chopper Blades—Centering	85-13
Deep-Tooth Chaffer 41 mm (1-5/8 in.)		Chopper—Lowering	85-14
(Attachment)	80-30	Chopper Drive Speeds—Changing	85-16
Chaffer Divider Extensions (Attachment)	80-31	Chopper Drive Belt Tension—Adjusting	85-18
General Purpose Sieve 22 mm (7/8 in.)	80-31	Chopper Belt—Replacing	85-18
Sieve Round Fixed Hole (Optional)	80-31	Chopper to Windrow/Service Position	85-20
Deep-Tooth Sieve 29 mm (1-1/8 in.)		Spreader (General Information)	85-21
(Attachment)	80-32	Spreader—Operating	85-22
Chaffer and Sieve Adjusting Tool Storage	80-32	Spreader to Windrow Position	85-22
Chaffer or Sieve—Adjusting	80-32		
Chaffer or Sieve Indicator—Calibration	80-33		

Continued on next page

Contents

	Page		Page
Spreader—Lowering	85-24	High Intensity Discharge (Xenon) Lights (Optional)—Replacing	95-17
Spreader Disc Assemblies	85-25	High Intensity Discharge (Xenon) Lights (Optional)—Adjusting	95-18
Spreader Blade—Replacing	85-26	Front Warning Light, Road Light, Field Light—Replacing	95-19
Grain Tank and Unloading System			
Warning Notice Regarding 9570 STS Grain			
Tank Extensions	90-1	Rear Discharge Lights, Auxiliary Field Lights, Access Door Work Lights, Stubble Lights, Grain Tank and Unloading Auger Light— Replacing	95-19
Grain Tank/Engine Ladder	90-1	Side Finder Light—Replacing	95-20
Grain Tank Drain Holes	90-2	Cleaning Shoe Light—Replacing	95-20
Grain Tank Sample Trough	90-2	Warning Lights—Replacing	95-20
Grain Tank Full Indicator (Optional Hilly Conditions)	90-3	Tail Light, Warning (Flasher) Light and Side Lights—Replacing	95-21
Grain Tank Full Indicator	90-3	Turn Signal Indicator Lights—Replacing	95-21
Cleanout Chute (Optional)	90-4	Cab Interior Light—Replacing	95-21
Grain Tank Cross Auger Covers	90-4	Diagnostic Trouble Codes	
Unloading Auger Drive Shear Bolt	90-5	Accessing Diagnostic Trouble Code Menu	100-1
Grain Tank Loading Auger Deflector	90-5	Diagnostic Trouble Code Priorities	100-3
Grain Tank Loading Auger—Folding	90-6	Diagnostic Trouble Codes - ADU - Armrest Display Unit	100-4
Unloading Auger Drive Chain—Adjusting	90-6	Diagnostic Trouble Codes - CAB - Control Unit CAB and Cab Power Module	100-5
Unloading Auger Support Stud—Adjusting	90-7	Diagnostic Trouble Codes - CDU - Cornerpost Display Unit	100-10
Unloading Auger Swing Cylinder Eyebolt— Adjusting	90-7	Diagnostic Trouble Codes - ECU - Engine Control Unit	100-11
Unloading Auger Drive Belt—Replacing	90-8	Diagnostic Trouble Codes - LC1 - Control Unit LC1 and Left Power Module 1	100-17
Service - Electrical System			
Observe Electrical Precautions	95-1	Diagnostic Trouble Codes - LC2 - Control Unit LC2 and Left Power Module 2	100-27
Basic Electrical Component Handling / Precautions for Vehicles Equipped with Computer Controlled Systems	95-1	Diagnostic Trouble Codes - RCU - Control Unit RCU and Right Power Module	100-32
Prevent Acid Burns	95-2	Diagnostic Trouble Codes - SFC - Control Unit SFC (If Equipped)	100-38
Prevent Battery Explosions	95-3	Diagnostic Trouble Codes - SSU - Control Unit SSU (If Equipped)	100-39
Batteries—Safe Installation	95-3	Diagnostic Trouble Codes - SSU - Last Exit Codes (If Equipped)	100-41
Battery Cables—Connecting	95-4	Diagnostic Trouble Codes - VCM - Control Unit VCM (If Equipped)	100-43
Batteries—Charging	95-4	Diagnostic Trouble Codes - HMM - Moisture Sensor	100-47
Batteries—Checking Specific Gravity	95-5	Hydraulic System	
Batteries—Connecting Booster	95-6	Hydraulic System (General Information)	105-1
Batteries—Removing and Installing	95-6	Continued on next page	
Battery Disconnect Switch	95-8		
Starter	95-8		
Alternator and Voltage Regulator	95-9		
Header Drive Electromagnetic Clutch	95-9		
Fuse Center	95-10		
Controller and Power Module Locations	95-11		
System Wakeup Power Fuse	95-12		
Glow Plug Fuse	95-12		
Glow Plug Diagnostic System Fuse	95-13		
Safety Rules When Replacing Halogen Bulbs	95-13		
Replacing Bulbs	95-14		
Cab Headlights—Replacing	95-14		
Cab Headlights—Adjusting	95-14		
Safety Rules When Replacing High Intensity Discharge (HID) Xenon Lights	95-16		

Page	Page		
Hydraulic System Cleanliness	105-2	Operating the Engine	
Accumulator	105-3	Starting the Engine	125-1
Valve for Raising/Lowering Header (Proportional Valve)	105-3	Stopping the Engine	125-4
Hydraulic Pressure Diagnostic Ports and Control Scheme	105-4	Cold Weather Operation	125-4
Feeder House Reverser Valve and Reverser Housing	105-5	Hot Weather Operation	125-7
		Glow Plugs (Cold Weather Starting Aid)	125-8
		Coolant Heater	125-9
Ground Drive and Rear Axle		Service - Engine	
Service Tires Safely	110-1	Rear Ladder and Landing	130-1
Changing Tire Radius	110-1	Engine Access Covers	130-1
Care and Service of Tires	110-2	Cleaning Engine Compartment	130-1
Front and Rear Tire Information	110-3	Belt Shield	130-2
Ballast Requirements	110-4	Do Not Modify Engine Power or Fuel/Air System	130-2
Using Liquid Weight	110-5	Fuel System	130-3
Tire Loading Decal	110-5	Check Engine Oil	130-3
Drive Wheel Starter Stud	110-6	Fuel Tank—Filling	130-4
Rear Wheel Bolt Torque	110-6	Fuel Tank—Draining	130-4
Drive Wheel and Dual Wheel Bolt Torque	110-7	Primary Fuel/Water Separator Filter— Draining	130-5
Front Drive Wheel Offset	110-8	Primary Fuel/Water Separator and Secondary Fuel Filter—Replacing	130-5
Preparing Dual Wheels for Transport or Service	110-9	Fuel System—Bleeding	130-7
Remove Front Wheels—Dual Wheels	110-9	Cooling System—Draining	130-7
Install Front Wheels—Dual Wheels	110-11	Cooling System—Filling	130-9
Single Attach Wide Spaced Dual Wheels (Optional)	110-14	Cooling System—Winterize	130-9
Harvest Smart Feed Rate Displacement Control Valve—Adjusting (Optional)	110-15	Engine Belt—Routing	130-10
Multifunction Control Handle Linkage— Adjusting	110-16	Engine Accessory/Fan Drive Belt— Replacing	130-10
Gearshift Linkage—Adjusting	110-17	Rotary Screen Belt—Routing	130-12
Brake Fluid Reservoir	110-18	Rotary Screen Drive Belt—Replacing	130-12
Jacking Locations	110-18	Rotary Screen, Oil Cooler, Condenser, Radiator and Charge Air Cooler— Cleaning	130-12
Jack Pocket Location Decal	110-19	Rotary Screen Brush—Adjustment	130-13
		Air Cleaner Filters—Removing	130-14
		Inspecting Element	130-15
Break-In Service		Transporting	
Breaking-In Engine	115-1	Driving Machine on Roads	135-1
Belt Drives Adjustment - First 50 Hours	115-3	Back-Up Alarm	135-4
Break-In Check First 100 Hours	115-3	Transporting Machine on a Trailer	135-4
Break-In Check After 100 Hours	115-4	Machine Tie Down Location Decal	135-9
		Towing Machine	135-9
		Rear Tow Hook	135-10
Prestarting Checks		Harvesting Hints	
Engine Oil Level	120-1	Choice of Harvesting Time	140-1
Hydrostatic/Hydraulic Oil Level	120-2	Harvesting Tips	140-2
Coolant Level	120-2		
Fuel System	120-3		
Fuel Tank Breather	120-3		
Engine Air Scoop	120-4		
Cleaning Engine Compartment	120-4		
After Long Storage Period	120-4		
Tires	120-5		

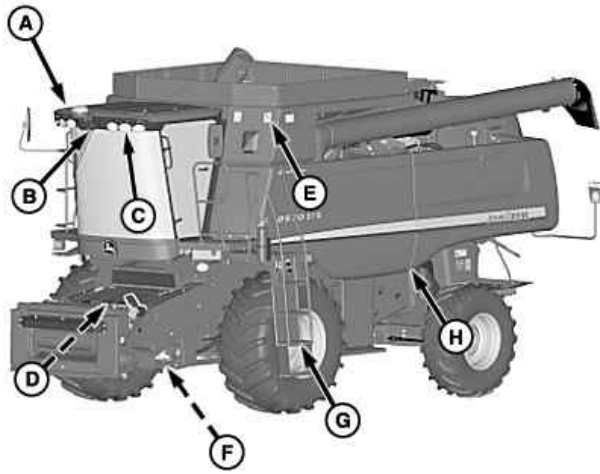
Continued on next page

Contents

	Page
Specifications	
Operating Speeds.	185-1
Specifications	185-3
Dimensions.	185-5
Dimension Reference Points	185-6
Unified Inch Bolt and Screw Torque Values . . .	185-7
Metric Bolt and Screw Torque Values.	185-8
Machine Identification Numbers	
Identification Plates	190-1
Machine Identification Number	190-1
Engine Serial Number	190-1
Hydrostatic Drive Unit Pump.	190-2
Hydrostatic Drive Unit Motor.	190-2
Two Speed Four Wheel Drive Motor	190-2
Engine Gearcase	190-3
Rotor Drive Gearcase.	190-3
Transmission	190-3
Feeder House Reverser.	190-3
Keep Proof of Ownership	190-4
Keep Machines Secure	190-4

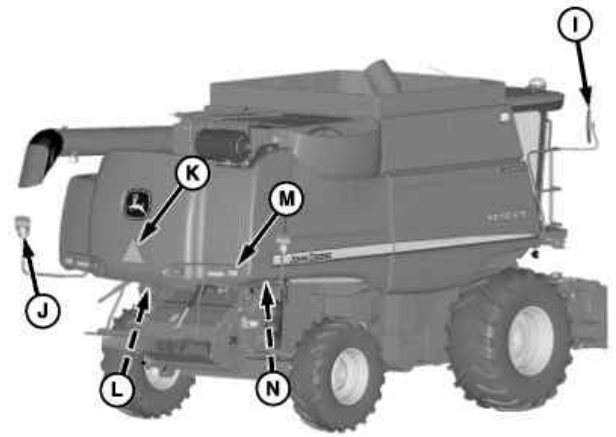
Safety Features

Machine Safety Features



Front View Safety Features

H87043 -UN-15FEB07



Rear View Safety Features

H87044 -UN-15FEB07

- | | |
|--|--|
| <p>A—Cab Safety Features:
Operator's Presence
System, Electronic Engine
Start Lockout, Seat Belts,
Horn, Emergency Exit
Window, Parking Brake,
Turn Signals</p> | <p>B—Hand Holds
C—Head Lights
D—Slip Resistant Skid Mats
E—Safety Signs
F—Mechanical Safety Stop
(Feeder House)</p> |
|--|--|

- | | |
|--|--|
| <p>G—Slip Resistant Steps and Platform with Handrails
H—Shields
I—Rear View Mirrors
J—Warning Lights and Reflective Tape</p> | <p>K—Slow Moving Vehicle Emblem
L—Back-Up Alarm
M—Tail Lights
N—Slip Resistant Service Platform with Handrails</p> |
|--|--|

In addition to the safety features shown here, other components and systems, safety lights on the machine, and safety messages and instructions in the

operator's manual contribute to the safe operation of this machine 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.



DX,ALERT -19-29SEP98-1/1

TB1389 -JUN-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 -19-03MAR93-1/1

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 -19-03MAR93-1/1

TS201 -JUN-23AUG88

Driving the Machine

Operate machine only when all guards are correctly installed.

Before moving away, always check immediate vicinity of machine (e.g. for children). Ensure adequate visibility. Use the horn as a warning immediately before moving away.

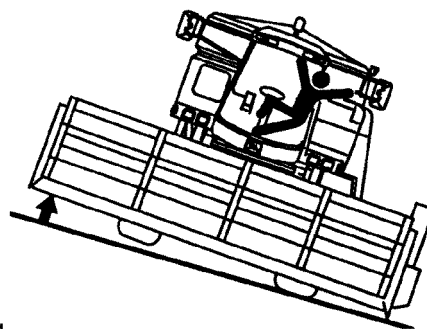
Always adapt ground speed to road or field conditions. Avoid making sharp turns when driving up or down slopes or when driving across a slope. Be especially careful when turning on slopes with full grain tank.

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

When making turns, always take into consideration the width of the attachment and the fact that the rear end of the machine swings out. Attachments and ground conditions affect the driving characteristics of the combine.

Reduce ground speed when driving on slopes or over uneven ground and before making sharp turns. Before descending a steep hill, shift to a lower gear.

Avoid holes, ditches and obstructions which may cause the combine to tip, particularly on hillsides.



ZX002461

ZX002461 -UN-16JUN95

OUO6075.0000AB7 -19-21FEB07-1/1

Keep Riders and Children Off Machine

Only allow the operator on the machine. Keep riders off the machine except for periods of training or short periods of observation.

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.

Children should never be allowed on the machine or in the combine cab when the engine is running.

The instructional seat should only be used for instruction or short periods of machine observation, and not for the accommodation of children.



T5253 -UN-23AUG88

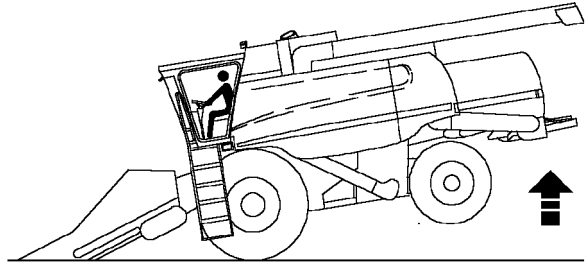
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Ballasting for Safe Ground Contact

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.



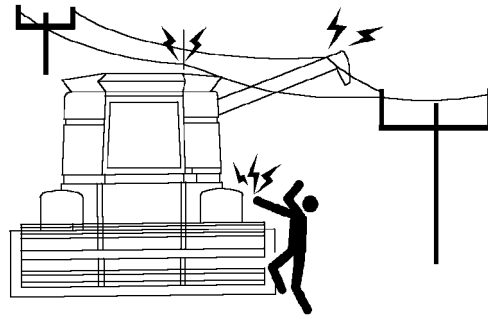
H51907 -UN-10FEB99

HX,AG,SF6782 -19-05FEB99-1/1

Avoid Electrical Power Lines

Put the grain tank unloading auger in transport position and lower the grain tank access handrail 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.



H52022 -UN-14APR99

HX,STSSA,D -19-22JUL99-1/1

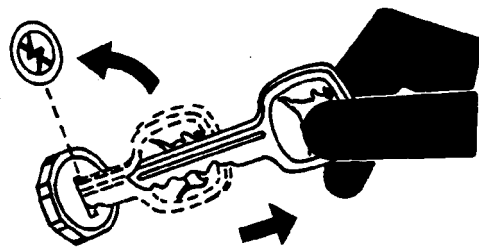
Parking and Leaving the Machine

Lower harvesting unit to the ground.

Before leaving machine, disengage harvesting unit and separator. Shut off engine and move multifunction control handle to neutral position. Apply parking brake, remove key and lock the operator's cab.

Never leave machine unattended as long as engine is running.

Never leave the operator's cab when driving.



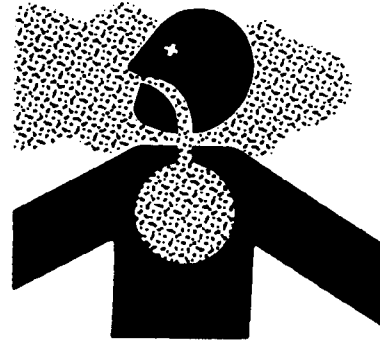
TS230 -UN-24MAY89

OUO6075.0000ABB -19-21FEB07-1/1

Work In Ventilated Area

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

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



TS220 -UN-23AUG88

DX,AIR -19-17FEB99-1/1

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.



TS202 -UN-23AUG88

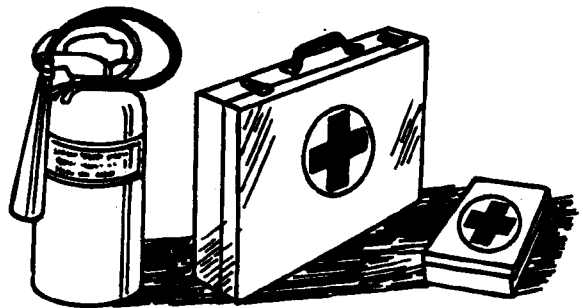
DX,FIRE1 -19-03MAR93-1/1

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.



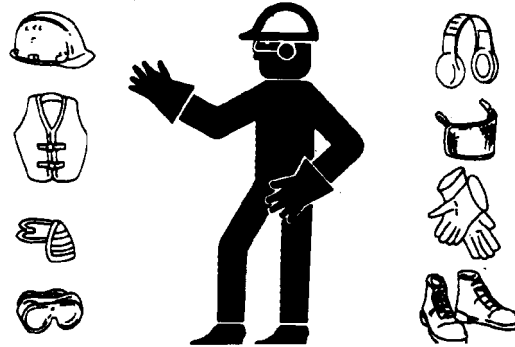
TS291 -UN-23AUG88

DX,FIRE2 -19-03MAR93-1/1

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.



DX,WEAR2 -19-03MAR93-1/1

TS206 -UN-23AUG88

Stay Clear of Harvesting Units

Cutterbar, auger, reel and feed rolls cannot be completely shielded due to their function. Stay clear of these moving elements during operation. Always disengage main clutch, shut off engine, set parking and remove key before servicing or unclogging machine.



OOU6075,00014F4 -19-21FEB01-1/1

ES118704 -UN-21MAR95

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.



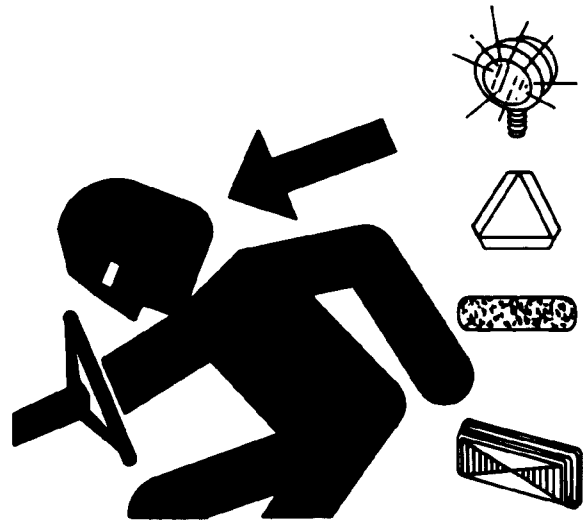
H1,90000SA,D -19-09MAY02-1/1

TS254 -UN-23AUG88

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 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, clean and in good working order. Replace or repair lighting and marking that has been damaged or lost.

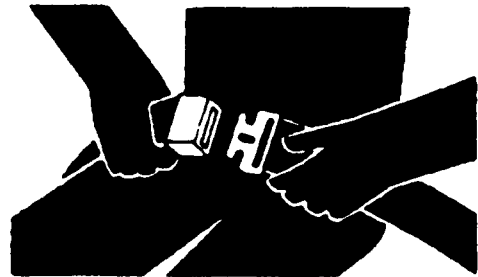


TS951 -UN-12APR90

HX,STSSA,O -19-22JUL99-1/1

Use Seat Belts

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



H47137

H47137 -UN-25OCT95

HX,STSSA,I -19-22JUL99-1/1

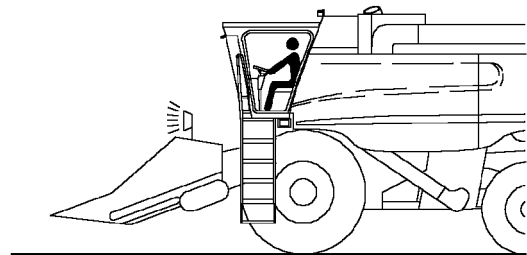
Transport Combine With Header Safely

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.



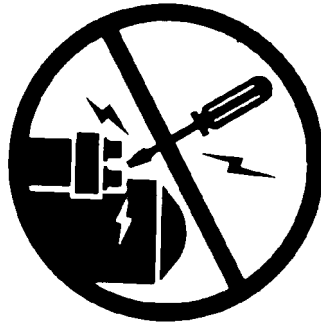
H51909 -UN-07MAY99

OOU6075.0000034 -19-22JAN01-1/1

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.



H58737 -UN-08JUL99

AG.OU01035,792 -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. 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.

On self-propelled equipment, disconnect battery ground cable (-) before making adjustments on electrical systems or welding on machine.

On towed implements, disconnect wiring harnesses from tractor before servicing electrical system components or welding on machine.



TS218 -UN-23AUG88

DX,SERV -19-17FEB99-1/1

Prevent Machine Damage When Welding

To prevent damage to electronic components, be sure to disconnect the negative ground cable before welding on combine.

OUC6075,00020AC -19-09MAY02-1/1

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.

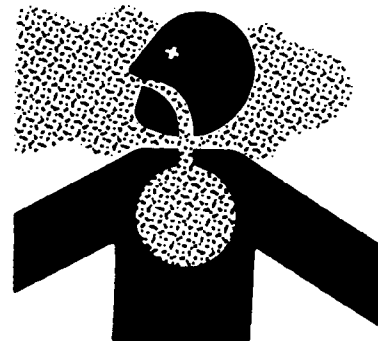
Remove paint before heating:

- Remove paint a minimum of 100 mm (4 in.) from area to be affected by heating. If paint cannot be removed, wear an approved respirator before heating or welding.
- 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.

Do not use a chlorinated solvent in areas where welding will take place.

Do all work in an area that is well ventilated to carry toxic fumes and dust away.

Dispose of paint and solvent properly.

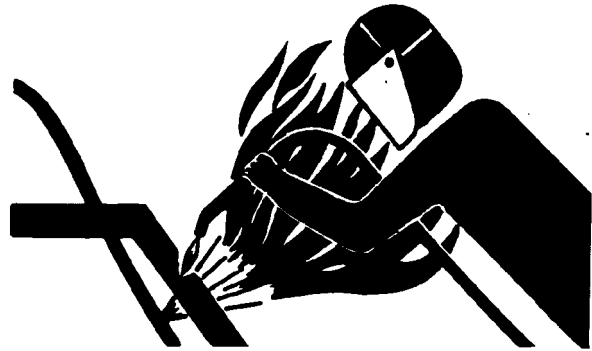


TS220 -UN-23AUG88

DX,PAINT -19-24JUL02-1/1

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 accidentally burst when heat goes beyond the immediate flame area.



DX,TORCH -19-10DEC04-1/1

TS953 -UN-15MAY90

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.



H01,9000SA,E -19-15JUN90-1/1

TS256 -UN-23AUG88

Cleaning Grain Tank and Removal of Blockages Safely

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, set parking brake 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.



OUO6043,00015E2 -19-24MAY04-1/1

TS256 -UN-23AUG88

Replace Safety Signs

Replace missing or damaged safety signs. See the machine operator's manual for correct safety sign placement.



DX,SIGNS1 -19-04JUN90-1/1

TS201 -UN-23AUG88

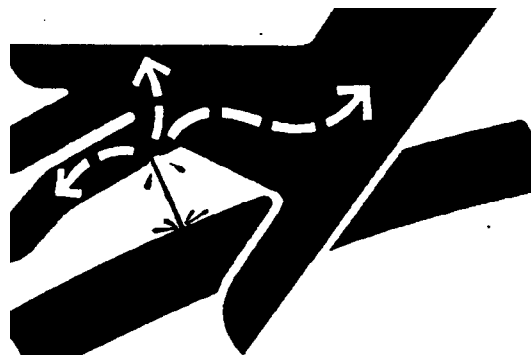
Avoid High-Pressure Fluids

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.



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

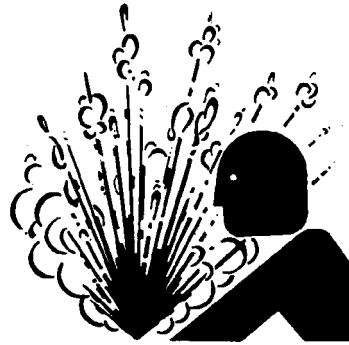
X9811 -UN-23AUG88

Service Accumulator Systems Safely

Escaping fluid or gas from pressurized hydraulic accumulator systems can cause serious injury. Extreme heat can cause the accumulator to burst, and pressurized lines can be accidentally cut. Do not weld or use a torch near a pressurized accumulator or pressurized line.

Relieve pressure from the hydraulic system before removing accumulator. Never attempt to relieve hydraulic system or accumulator pressure by loosening a fitting.

Accumulators cannot be repaired.



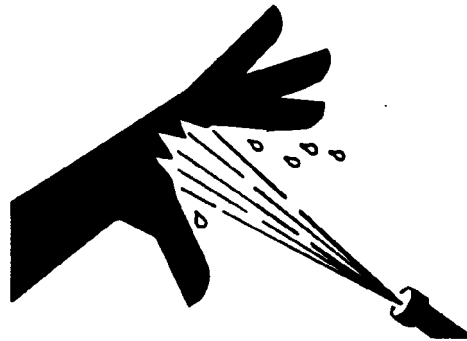
TS281 -UN-23AUG88

DX,WW,ACCLA -19-15APR03-1/1

Protect Against High Pressure Spray

Spray from high pressure nozzles can penetrate the skin and cause serious injury. Keep spray from contacting hands or body.

If an accident occurs, see a doctor immediately. Any high pressure spray 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.



TS1843 -UN-18MAR92

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

Dispose of Waste Properly

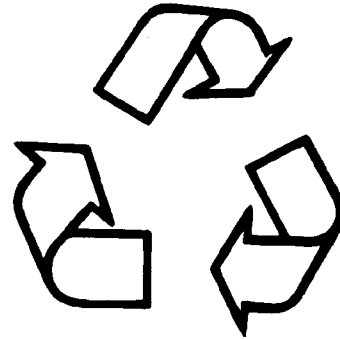
Improperly disposing of waste can threaten the environment and ecology. Potentially harmful waste used with John Deere equipment include such items as oil, fuel, coolant, brake fluid, filters, and batteries.

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 -19-03MAR93-1/1

Service Cooling System Safely

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

Shut off engine, set parking brake and remove key. Allow system to cool before opening cap. Slowly loosen cap to relieve pressure before removing completely.



TS281 -UN-23AUG88

OUO6075,0000ABC -19-21FEB07-1/1

Remove Accumulated Crop Debris

The build up of chaff and crop debris in the engine compartment, on the engine, and near moving parts is a fire hazard. Check and clean these areas frequently. Before performing any inspection or service, shut off the engine, set the parking brake and remove the key.



TS227 -UN-23AUG88

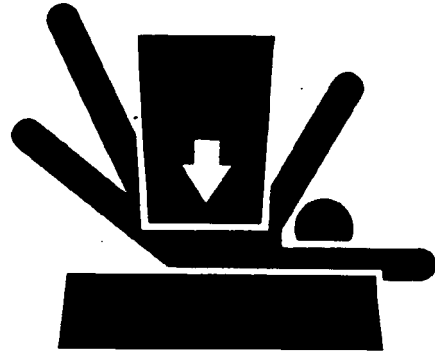
HX,9010SA,B -19-23AUG97-1/1

Support Machine Properly

Always lower the attachment or implement to the ground before you work on the machine. If the work requires that the machine or attachment be lifted, provide secure support for them. If left in a raised position, hydraulically supported devices can settle or leak down.

Do not support the machine on cinder blocks, hollow tiles, or props that may crumble under continuous load. Do not work under a machine that is supported solely by a jack. Follow recommended procedures in this manual.

When implements or attachments are used with a machine, always follow safety precautions listed in the implement or attachment operator's manual.



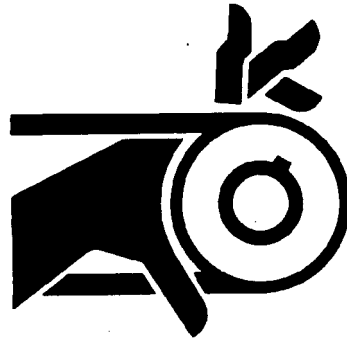
TS229 -UN-23AUG88

DX,LOWER -19-24FEB00-1/1

Service Drive Belts Safely

When servicing drive belts always observe these precautions:

- Avoid serious injury from hand or arm entanglement. Never attempt to clean, check or adjust belts while the machine is running. Always shut off the engine, set the parking brake and remove the key.
- Do not attempt to clean belts with flammable cleaning solvents.



TS285 -UN-23AUG88

OUC6075,00026A4 -19-06FEB03-1/1

Service Tires Safely

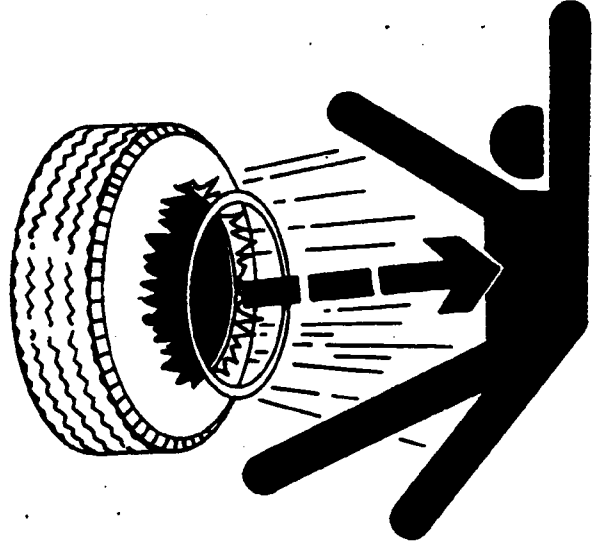
Explosive separation of a tire and rim parts can cause serious injury or death.

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.



TS211 -UN-23AUG88

DX,RIM -19-24AUG90-1/1

Prevent Battery Explosions

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

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

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



TS204 -UN-23AUG88

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

Prevent Acid Burns

Sulfuric acid in battery electrolyte is poisonous. It is strong enough to burn skin, eat holes in clothing, and cause blindness if splashed into eyes.

Avoid the hazard by:

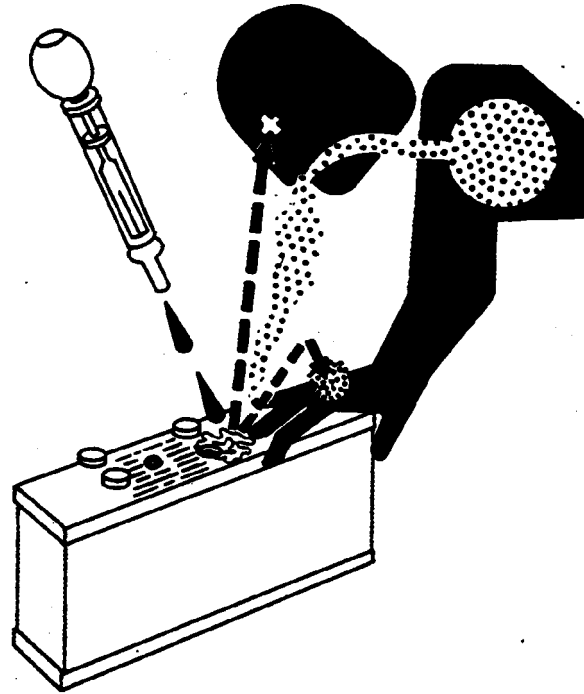
1. Filling batteries in a well-ventilated area.
2. Wearing eye protection and rubber gloves.
3. Avoiding breathing fumes when electrolyte is added.
4. Avoiding spilling or dripping electrolyte.
5. Use proper jump start procedure.

If you spill acid on yourself:

1. Flush your skin with water.
2. Apply baking soda or lime to help neutralize the acid.
3. Flush your eyes with water for 15—30 minutes. Get medical attention immediately.

If acid is swallowed:

1. Do not induce vomiting.
2. Drink large amounts of water or milk, but do not exceed 2 L (2 quarts).
3. Get medical attention immediately.

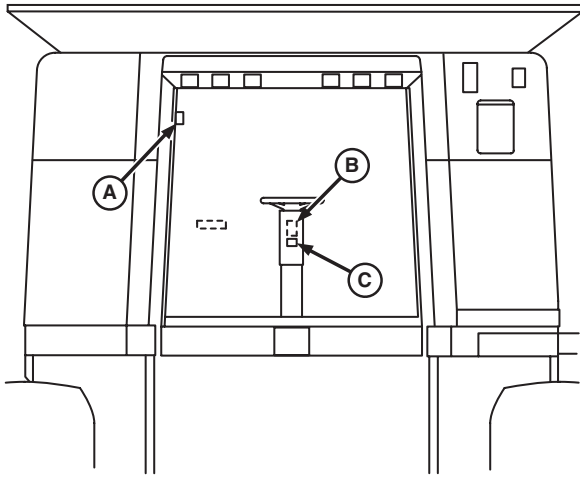


TS203 -UN-23AUG88

DX,POISON -19-21APR93-1/1

Safety Sign Location

Cab View Decals



H85540 -JUN-18MAR06

EMERGENCY EXIT
PULL TAB
REMOVE ROPE
PUSH WINDOW

Decal A

⚠ CAUTION

The instructional seat is for training operators or diagnosing machine problems. Keep all other riders and children off. Use the seat belt whenever operating the machine or riding as an observer.

Decal C

⚠ CAUTION

1. Couple brakes together for road transport.
2. Engage park brake prior to leaving cab.
3. Disengage park brake prior to moving machine.

Decal B

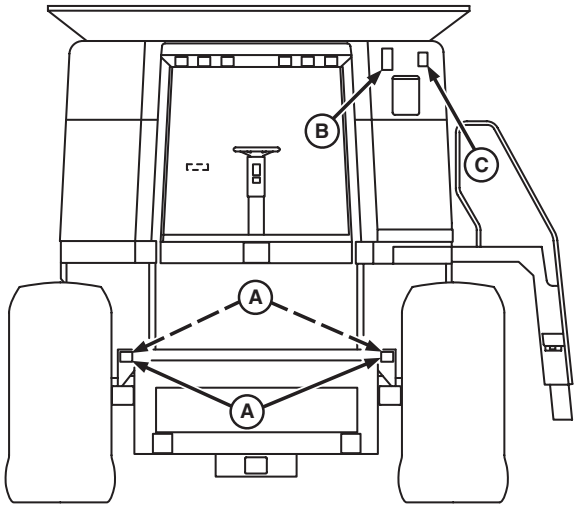
SSN372425 -19-06APR05

SSH134535 -19-06APR05

SSH202640 -19-06APR05

OUC6075,00002F3 -19-17MAR06-1/1

Front View Decals



H82902 -UN-08APR05



Decal B

SSH209454 -19-06APR05



Decal A Contour Master Only (4 Places)



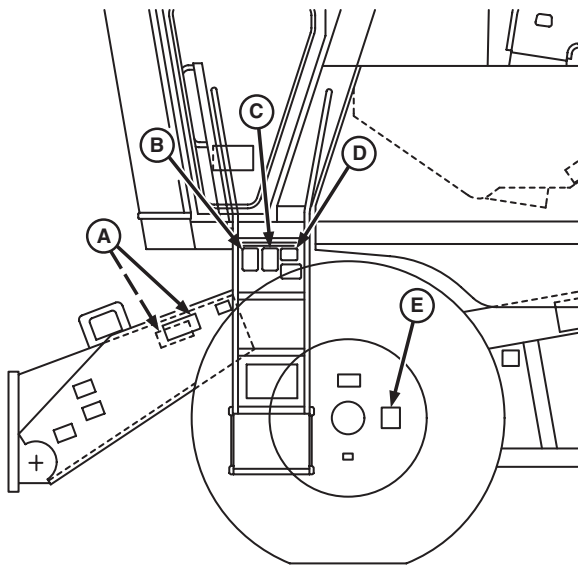
Decal C (2 Places)

SSH151607 -19-06APR05

SSH209452 -19-19APR05

OOU6075.0003E46 -19-02MAR05-1/1

Feeder House/Cab Ladder Decals



H82903 -JUN-08APR05



Decal B

SSH149064 -19-06APR05



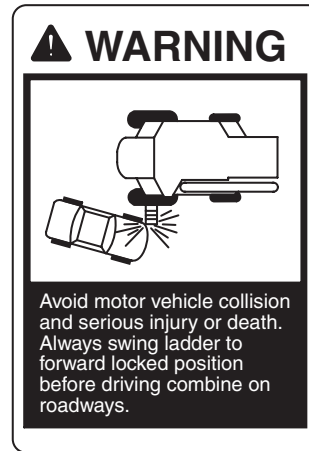
Decal D

SSE82510 -19-25JUL05



Decal A (2 Places)

SSH149063 -19-06APR05



Decal C

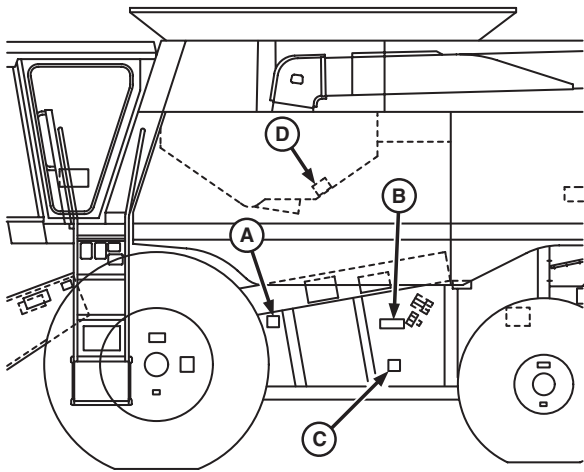
SSH170654 -19-06APR05



Decal E (Dual Wheel Only)

SSH158975 -19-06APR05

Left-Hand View Decals

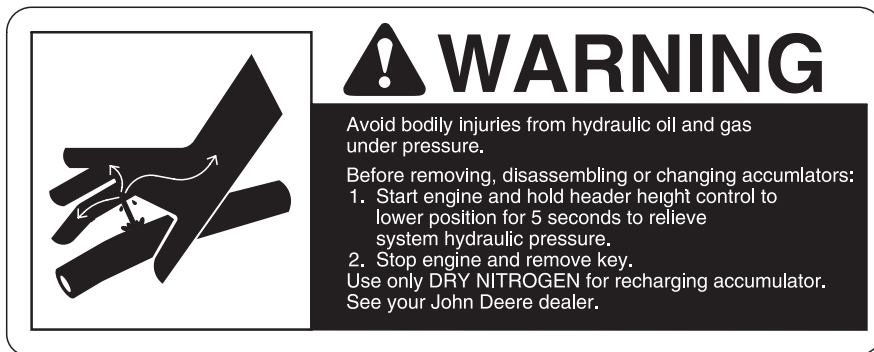


H82904 -UN-08APR05



Decal A

SSH149099 -19-06APR05



Decal B

SSH211246 -19-06APR05



Decal C

SSH149092 -19-06APR05

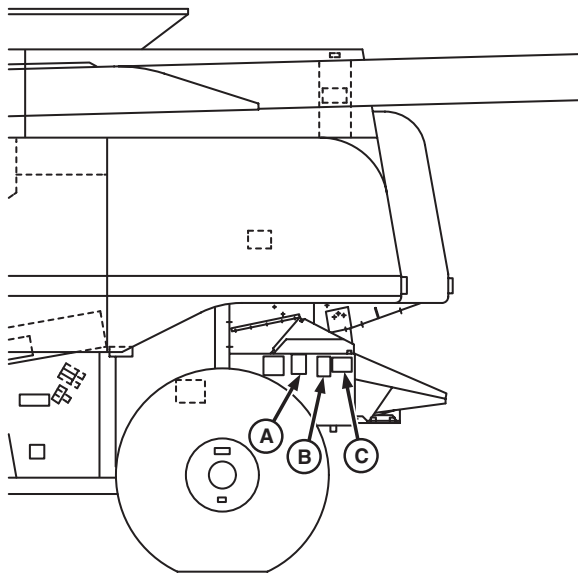


Decal D

SSH209453 -19-06APR05

OUC6075.0003E48 -19-02MAR05-1/1

Left-Hand Rear View Decals



H82905 -JUN-08APR05



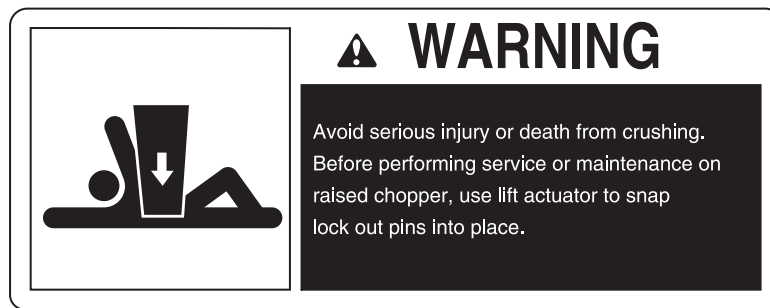
Decal A (Chopper and Spreader)

SSH149096 -19-06APR05



Decal B (Spreader Only)

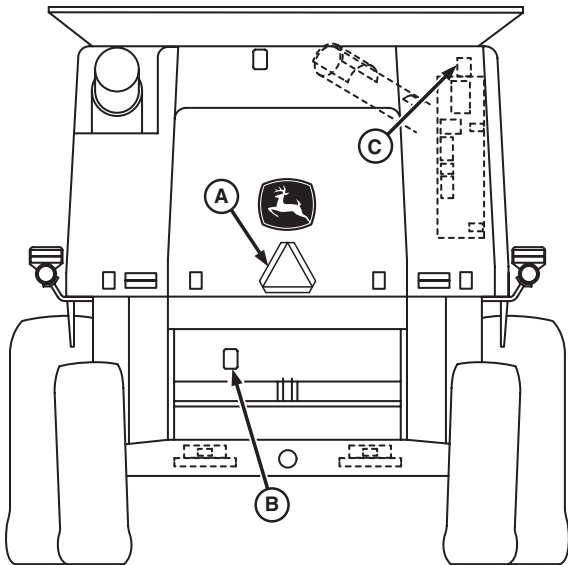
SSH210615 -19-06APR05



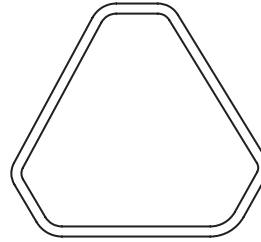
Decal C (Chopper Only)

SSH210563 -19-06APR05

Rear View Decals



H82906 -UN-08APR05



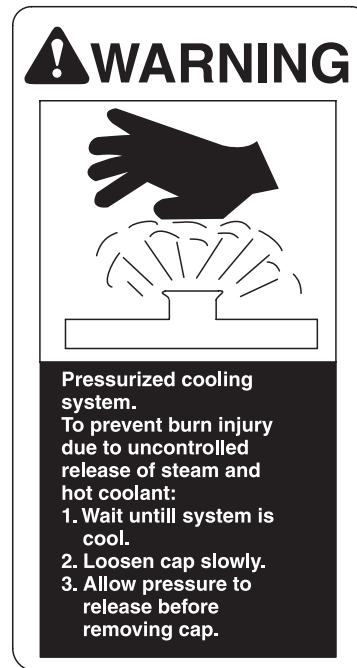
Decal A

H82954 -UN-06APR05



Decal B (Chopper Only)

SSH149096 -19-06APR05

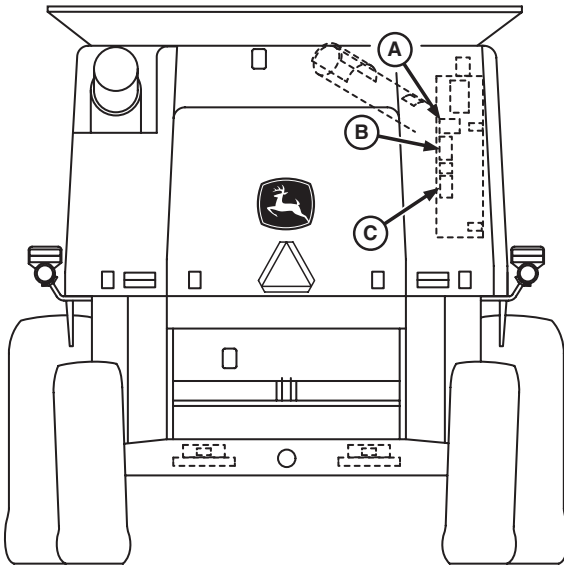


Decal C

SSH228964 -19-17APR07

OUO6075.0000B78 -19-17APR07-1/1

Engine View Decals



H82907 -JUN-08APR05



Decal B

SSH149088 -19-06APR05



Decal A

SSH149064 -19-06APR05

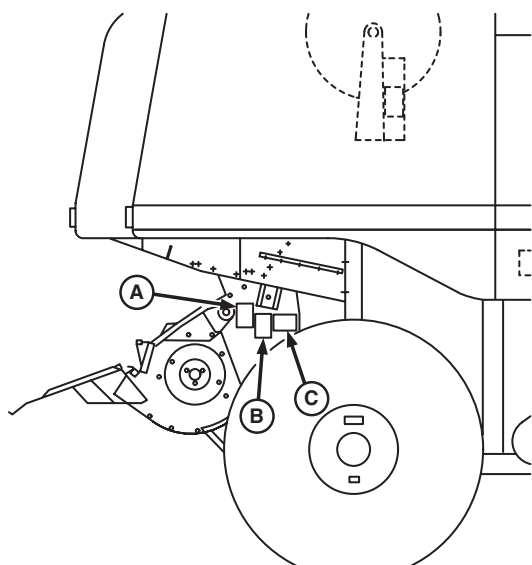


Decal C

SSH169516 -19-06APR05

OOU6075,0003E4B -19-02MAR05-1/1

Right-Hand Rear View Decals



H82908 -UN-08APR05



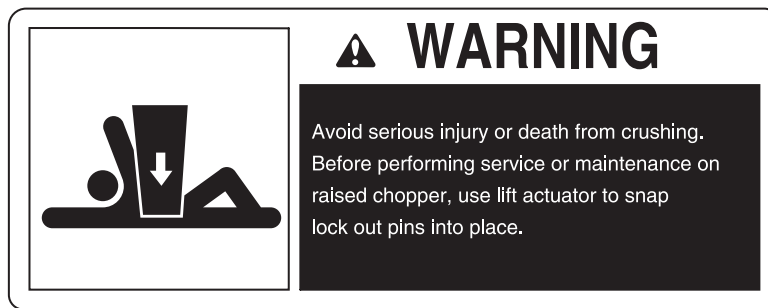
Decal A (Chopper and Spreader)

SSH149096 -19-06APR05



Decal B (Spreader Only)

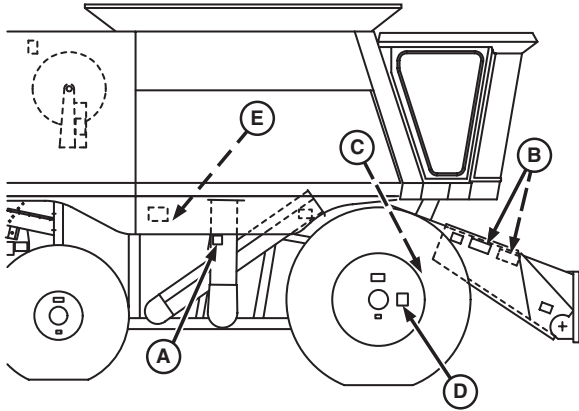
SSH210615 -19-06APR05



Decal C (Chopper Only)

SSH210563 -19-06APR05

Right-Hand View Decals



H83448 -UN-12MAY05



Decal A

SSH149099 -19-06APR05



Decal B (2 Places)

SSH149063 -19-06APR05



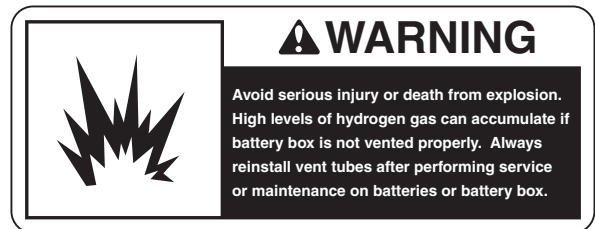
Decal D (Dual Wheel Only)

SSH158975 -19-06APR05



Decal C

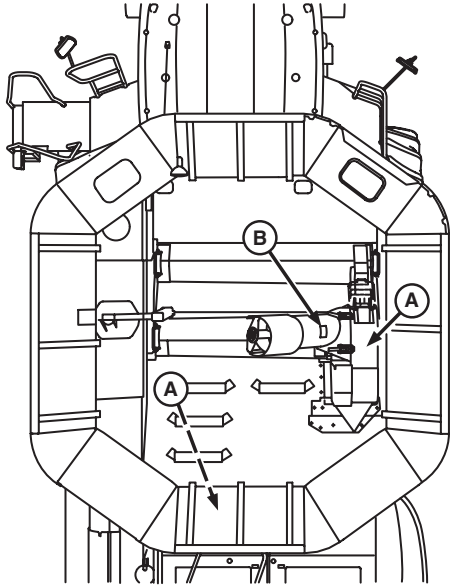
SSH217664 -19-06APR05



Decal E

SSH220610 -19-18MAY05

Top View Decals



H82910 -UN-08APR05

SSH151397 -19-06APR05



Decal A (2 Places)

SSH209451 -19-06APR05



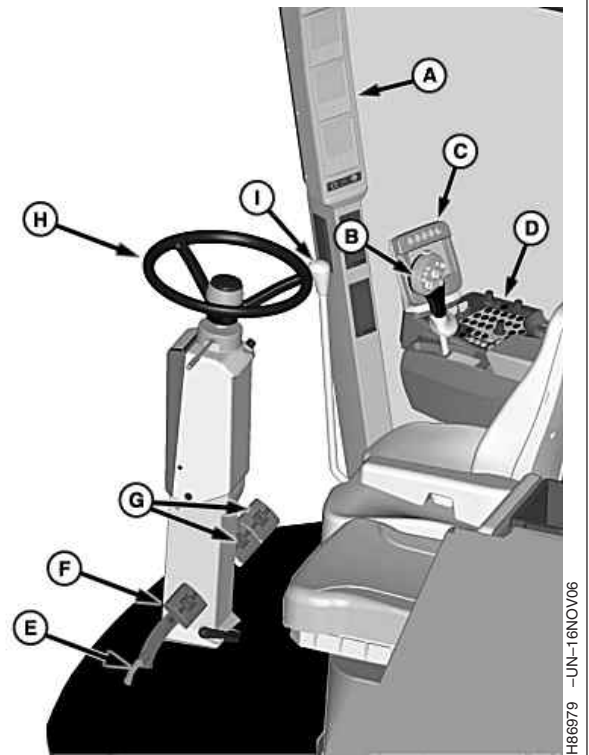
Decal B

OQO6075,0003E4E -19-02MAR05-1/1

Controls and Instruments

General View of Controls and Instruments

- A—CommandTouch™ Cab Cornerpost
- B—Multifunction Control Handle
- C—CommandCenter™ Display
- D—CommandTouch™ Armrest Console
- E—Park Brake Disengage Pedal
- F—Park Brake Engage Pedal
- G—Brake Pedals
- H—Steering Column
- I—Gearshift Lever



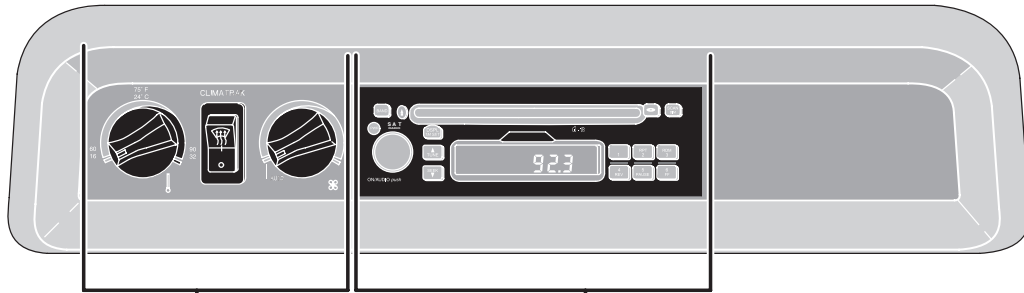
CommandTouch is a trademark of Deere & Company
CommandCenter is a trademark of Deere & Company

OUO6075,00009A0 -19-02APR07-1/1

H86979 -UN-16NOV06

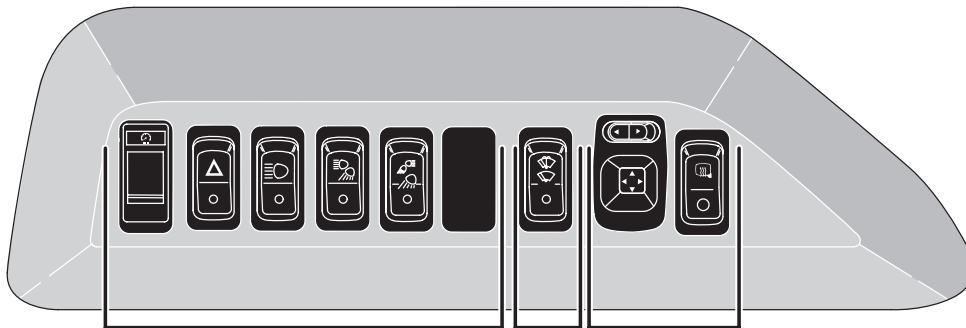
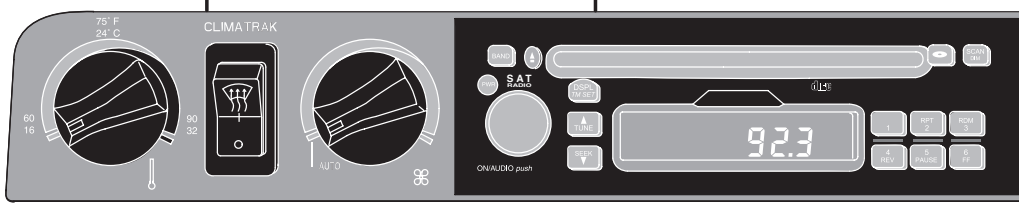
Overhead Control Panel

Overhead Control Panel



A

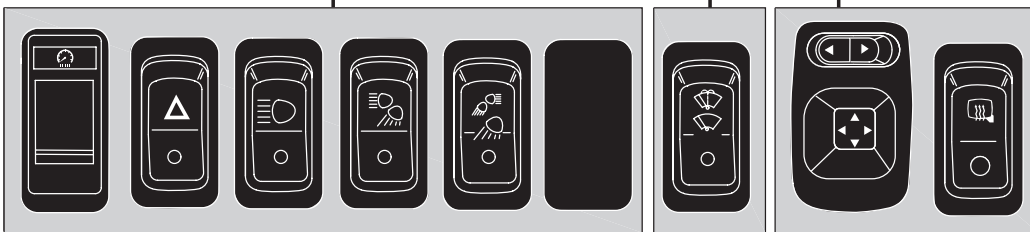
B



C

D

E



A—CLIMATRAK™ Control Switches

B—Deere-Delco Radio
C—Light Switches

D—Windshield Wiper/Washer Switch

E—Mirror Adjust/Heater Switch (Optional)

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CLIMATRAK Automatic Temperature Control

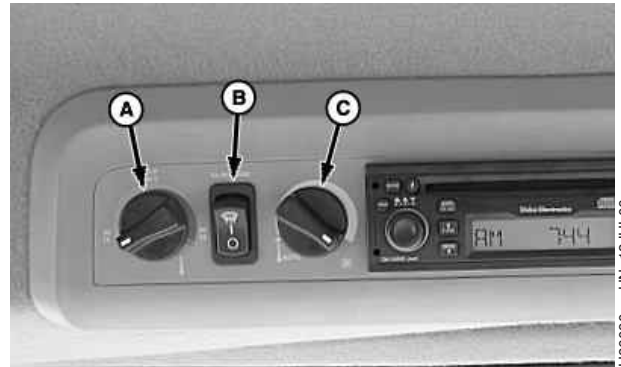
CLIMATRAK control system consists of temperature control dial (A), mode selector (B), fan control speed dial (C), and cab temperature sensor (D).

With mode selector in OFF position, all power to system is OFF. With mode selector in ON position (middle position), power is supplied for normal functions. With mode selector in “DEFOG” position (top of switch pressed in), power is supplied to compressor regardless of set temperature. This position helps remove moisture from the air even in heat mode.

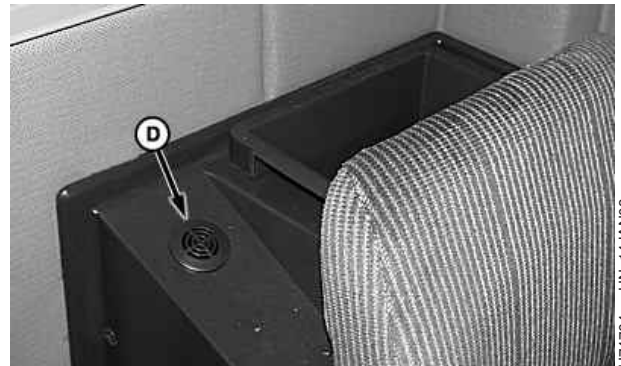
Turn temperature control clockwise to increase temperature or counterclockwise to decrease temperature.

NOTE: Cab temperature sensor is located behind instructional seat. Do not cover sensor or system may not operate correctly in AUTO mode.

Recirculation fan controls amount of air coming out of louvers. Fan speed control has a detent position for an automatic fan speed setting. In this position, fan speed is determined by the difference between selected temperature and actual cab temperature. As temperature approaches set point, fan speed will decrease.



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A—Temperature Control Dial
 B—Mode Selector
 C—Fan Speed Control Dial
 D—Cab Temperature Sensor

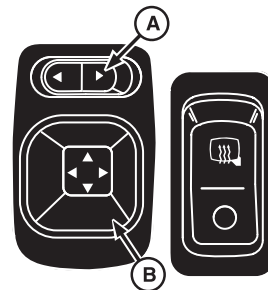
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Mirror Control Switch (Optional)

NOTE: Key switch must be ON or machine must be running to adjust mirrors.

Mirror control switch (A) transfers power to left-hand or right-hand mirror. Press left side of switch to power left-hand mirror or press right side of switch to power right-hand mirror.

Mirror adjust switch (B) moves selected mirror up or down and left or right.



A—Mirror Control Switch
 B—Mirror Adjust Switch

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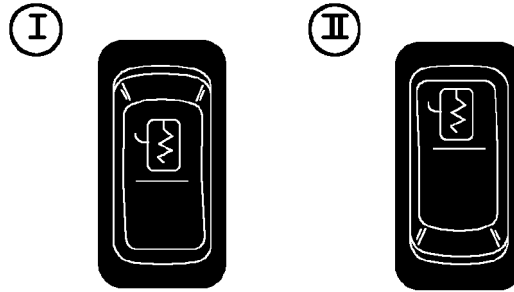
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Mirror Heater Switch (Optional)

NOTE: Key switch must be ON or machine must be running to adjust mirrors.

Mirrors are equipped with heaters to remove ice and fog. Mirror heater switch is a two position switch. Mirror heater switch (I) (bottom switch pressed in) shuts power OFF. Mirror heater switch (II) (top switch pressed in) heats mirrors.

- I—Mirror Heater Switch (OFF)
- II—Mirror Heater Switch (ON)



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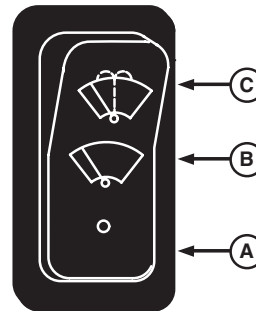
Windshield Wiper/Windshield Washer Switch

NOTE: Key switch must be ON or machine running for windshield wiper and windshield washer to operate.

Windshield washer system allows operator to control a flow of water to aid in clearing the windshield.

When windshield wiper switch is in OFF position (A), all power to the system is OFF. When switch is in ON position (B) (middle position), wiper will begin to move back and forth across windshield. Wiper will stop on either side of windshield depending on when switch was turned OFF.

When windshield wiper switch (C) is in wash position (top switch press in), windshield washer pump will spray fluid onto windshield. This continues until switch is released.



- A—Windshield Wiper Switch (OFF)
- B—Windshield Wiper Switch (ON)
- C—Windshield Washer Switch

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