9470 STS and 9570 STS Argentine Combines

OPERATOR'S MANUAL

Argentine Combines 9470 STS and 9570 STS

OMCQ100193 ISSUE B3 (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.

Industrias John Deere Argentina S.A.

South American Edition

LITHO IN U.S.A.

Introduction

Foreword

READ THIS MANUAL carefully in order to learn how to correctly operate and service your machine. Bodily injury or damage to the machine may occur if this procedure is not followed. This manual as well as the safety signs on your machine may be available in other languages (contact your John Deere dealer for more information).

THIS MANUAL SHOULD BE CONSIDERED a permanent part of your machine and it should accompany the machine if sold.

Measurements in this manual are presented both in the metric system and in the commonplace measurement system used in the United States. Only use system the correct replacement parts and attaching accessories. Bolts and screws in inches and millimeters may require a drive tool in inches or millimeters.

RIGHT-HAND AND LEFT-HAND sides are determined with reference to the direction of forward travel.

WRITE DOWN THE P.I.N.'s (Product Identification Numbers) in the Specifications or I.D. Numbers section. Note down all numbers precisely in order to aid in the location of the machine in the case of theft. Your John Deere dealer shall also require that these numbers are provided when you request parts. Archive the I.D. numbers in a safe place, exterior to the machine.

SETTING FUEL INJECTION BEYOND PUBLISHED factory specifications, or any other modification made with the purpose of increasing engine power, will result in loss of warranty cover for the machine.

BEFORE DELIVERING THIS MACHINE, your dealer performed a predelivery inspection. The machine was first used operationally after the dealer had carried out the Technical Delivery. The dealer monitored the machine during its first few hours of operation. Before completing 600 operating hours or 12 months of use, schedule a post-sales inspection by your dealer to tune the machine to perform at its best.

This machine was designed solely for use in regular agricultural operations or similar such operations ("INTENDED USE"). Its use in any other way is deemed contrary to the intended use. The manufacture accepts no liability for damage or injury resulting from misuse, such risks must be borne solely by the user. Compliance with and strict adherence to the operating, service and repair conditions specified by the manufacturer also constitute essential elements of the intended use.

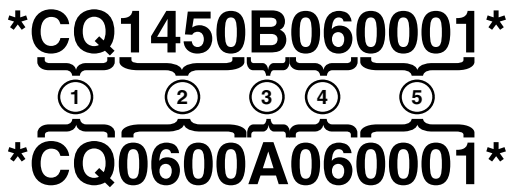
THIS MACHINE SHOULD BE OPERATED and repaired only by persons familiar with all its particular characteristics and acquainted with the relevant safety rules (accident prevention). Accident prevention regulations, all other generally recognized regulations on safety and occupational medicine as well as road traffic regulations must always be complied with at all times. Any arbitrary modifications carried out on this machine will release the manufacturer of all liability for any resulting damage or injury.

ML70882,0000516 -19-06JUN05-1/1

Interpreting the Serial Number of Your Machine - 13 digits PIN

Interpreting the Serial Number of Your Machine		
1	Code of producing unit	**CQ**— Machines produced at JD Horizontina **NW**— Machines produced at JD Catalão **BM**— Machines produced at JD Montenegro
2	Machine model	
3	Serial code of Machine	A, B, C...
4	Year of production of the machine	06, 07, 08, 09, 10...
5	Sequential number	0001, 0002, 0003, 0004...

Each model has its own “sequential number”. The sequential number restarts at 0001 with the first machine produced each year.



CQ266870 —UN—06MAR06

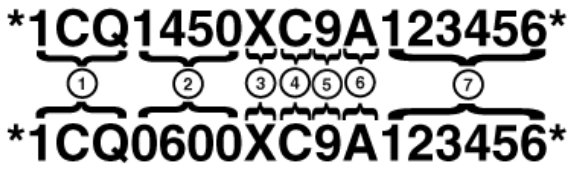
13 digits PIN examples

Each model has its “Serial code of Machine”. This code will change whenever there is a significant change of the machine's configuration.

ML70882,0000943 -19-21MAY09-1/1

Interpreting the Serial Number of Your Machine - 17 digits PIN

Interpreting the Serial Number of Your Machine		
1	World Manufacturer Code	**CQ**— Machines produced at JD Horizontina **NW**— Machines produced at JD Catalão **BM**— Machines produced at JD Montenegro
2	Machine model	
3	Model Identifier Suffix	N, T, W...
4	Check Letter	A, B, C, D...
5	Year of manufacture	According to the Year of manufacture table
6	Additional information	
7	Sequential Manufacturing Serial Number	000001, 000127....



CQ282811 —UN—21MAY09

Year of Manufacture Code							
Year	**Code**	**Year**	**Code**	**Year**	**Code**	**Year**	**Code**
2008	8	**2018**	J	**2028**	W	**2038**	8
2009	9	**2019**	K	**2029**	X	**2039**	9
2010	A	**2020**	L	**2030**	Y	**2040**	A
2011	B	**2021**	M	**2031**	1	**2041**	B
2012	C	**2022**	N	**2032**	2	**2042**	C
2013	D	**2023**	P	**2033**	3	**2043**	D
2014	E	**2024**	R	**2034**	4	**2044**	E
2015	F	**2025**	S	**2035**	5	**2045**	F
2016	G	**2026**	T	**2036**	6	**2046**	G
2017	H	**2027**	V	**2037**	7	**2047**	H

Each model has its own sequential number. For new models, the sequential number restarts at 000001.

Each model has its Serial code of Machine. This code will change whenever there is a significant change of the machine's configuration.

GB52027,0000B34 -19-04FEB13-1/1

Information of Company

John Deere Brasil Ltda.

Avenue Eng. Jorge A. D. Logeman, 600

City: Horizontina/RS - Brasil

Zip Code: 98920-000

CNPJ: 89.674.782/0001-58

CQ291459 —UN—23JAN12

JG50163,0000279 -19-30MAR12-1/1

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Original Instructions. All information, illustrations and specifications in this manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.

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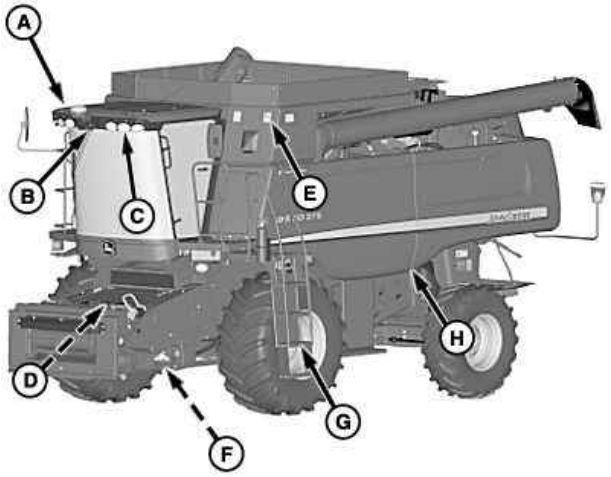
Storage

Specifications

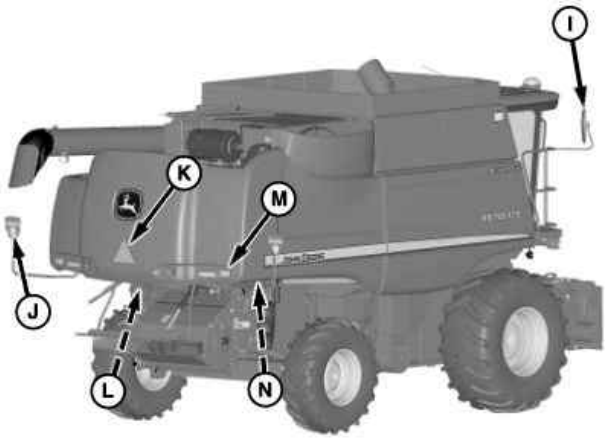
Machine Identification Numbers

Machine Safety Features



H87043 —UN—15FEB07

Front View Safety Features



H87044 —UN—15FEB07

Rear View Safety Features

A—Cab Safety Features: Operator's Presence System, Electronic Engine Start Lockout, Seat Belts, Horn, Emergency Exit Window, Parking Brake, Turn Signals
B—Hand Holds
C—Head Lights
D—Slip Resistant Skid Mats
E—Safety Signs
F—Mechanical Safety Stop (Feeder House)
G—Slip Resistant Steps and Platform with Handrails
H—Shields
I— Rear View Mirrors
J—Warning Lights and Reflective Tape
K—Slow Moving Vehicle Emblem
L—Back-Up Alarm
M—Tail Lights
N—Slip Resistant Service Platform with Handrails

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.

OUO6075,000057F -19-25JUN08-1/1

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.

T81389 —UN—07DEC88

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

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.

TS187 —19—30SEP88

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

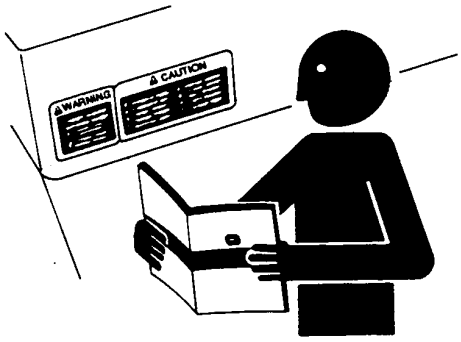
Follow Safety Instructions

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.

There can be additional safety information contained on parts and components sourced from suppliers that is not reproduced in this operator's manual.

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.



TS201 —UN—23AUG88

If you do not understand any part of this manual and need assistance, contact your John Deere dealer.

DX,READ -19-16JUN09-1/1

Driving the Machine

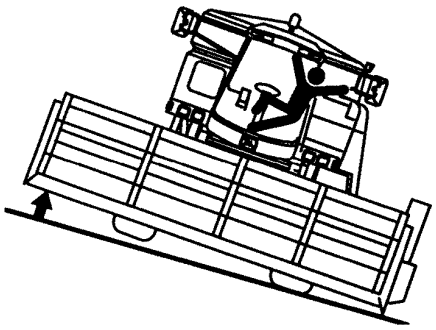
Operate machine only when all guards are correctly installed.

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.



ZX002461

ZX002461 —UN—16JUN95

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.

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.

TS253 —UN—23AUG88

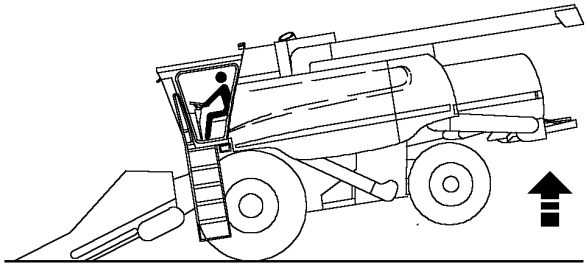
HX,AG,SF6904 -19-22JUL99-1/1

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.



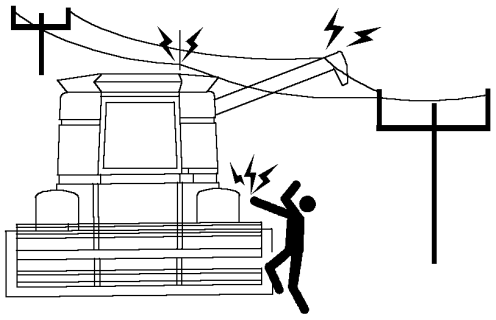
H51907 —UN—10FEB99

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

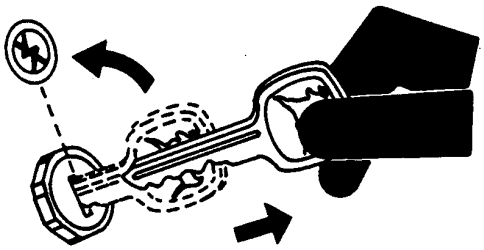
Parking and Leaving the Machine

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.



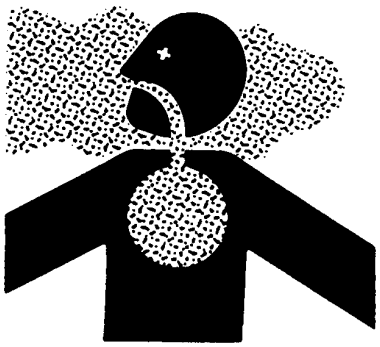
TS230 —UN—24MAY89

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.

Use only an approved fuel container for transporting flammable liquids.

Never fill fuel container in pickup truck with plastic bed liner. Always place fuel container on ground before refueling. Touch fuel container with fuel dispenser nozzle before removing can lid. Keep fuel dispenser nozzle in contact with fuel container inlet when filling.

TS202 —UN—23AUG88

Do not store fuel container where there is an open flame, spark, or pilot light such as within a water heater or other appliance.

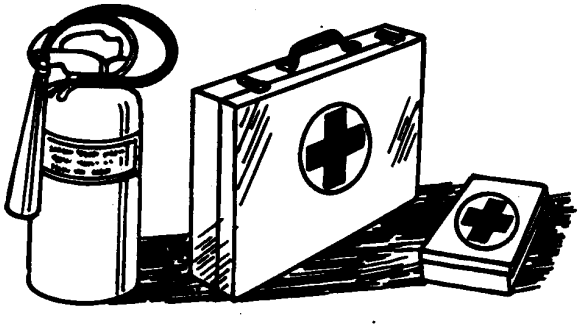
DX,FIRE1 -19-12OCT11-1/1

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.



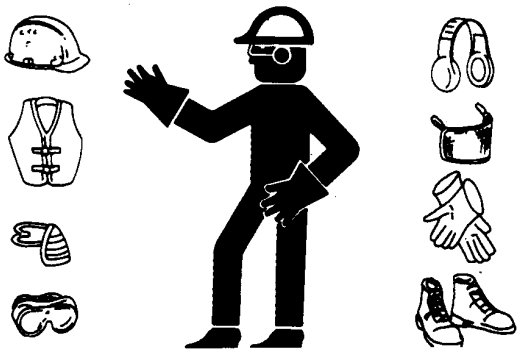
TS291 —UN—23AUG88

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.



TS206 —UN—23AUG88

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

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.

ES118704 —UN—21MAR95

OUO6075,00014F4 -19-21FEB01-1/1

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.

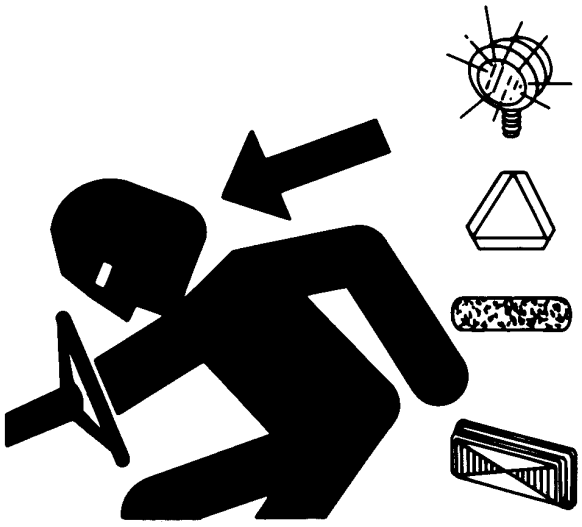
TS254 —UN—23AUG88

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

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 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.

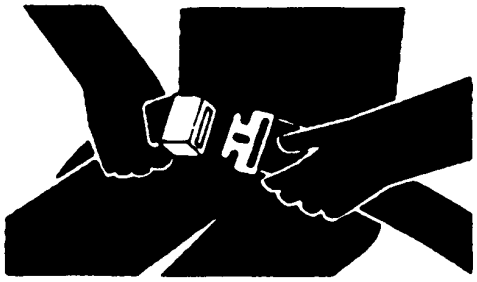


TS951 —UN—12APR90

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

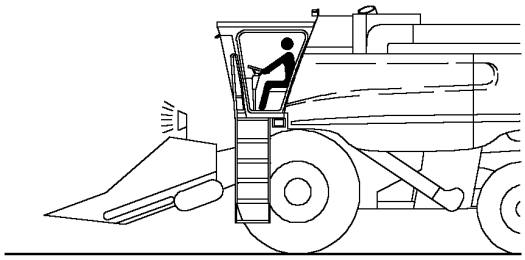
Transport Combine With Header Safely

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

OUO6075,0000034 -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,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. 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.

OUO6075,00020AC -19-09MAY02-1/1

Remove Paint Before Welding or Heating

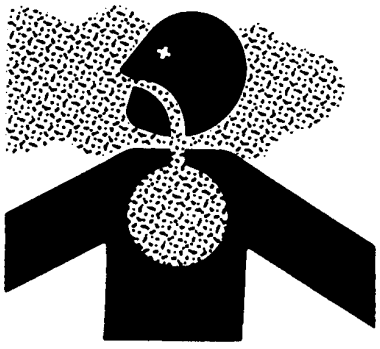
Avoid potentially toxic fumes and dust.

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.



TS220 —UN—23AUG88

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

Dispose of paint and solvent properly.

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.

TS953 —UN—15MAY90

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

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.

TS256 —UN—23AUG88

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

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

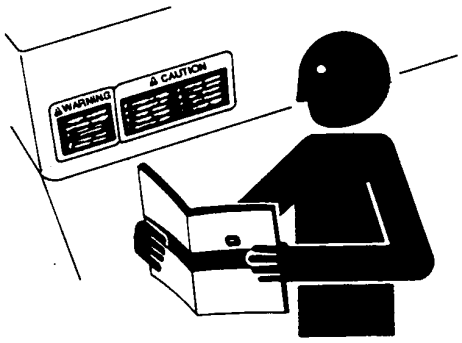
If grain bridges and fails to flow into the cross augers, shut off the engine, remove the key and from a position on the engine compartment door use a rod, broom or shovel to break the bridge and restore grain flow.

TS256 —UN—23AUG88

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

Replace Safety Signs

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



TS201 —UN—23AUG88

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

Avoid High-Pressure Fluids

Inspect hydraulic hoses periodically – at least once per year – for leakage, kinking, cuts, cracks, abrasion, blisters, corrosion, exposed wire braid or any other signs of wear or damage.

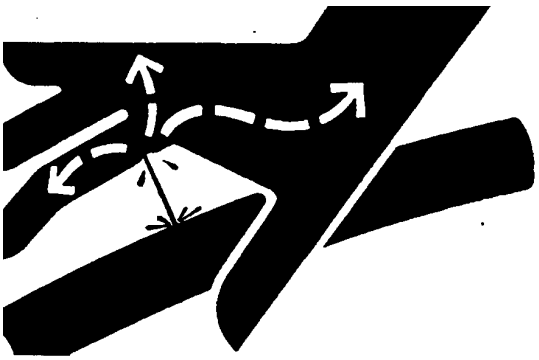
Replace worn or damaged hose assemblies immediately with John Deere approved replacement parts.

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 in English from Deere & Company Medical Department in Moline, Illinois, U.S.A., by calling 1-800-822-8262 or +1 309-748-5636.



X9811 —UN—23AUG88

DX,FLUID -19-12OCT11-1/1

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.

TS1343 —UN—18MAR92

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

Dispose of Waste Properly

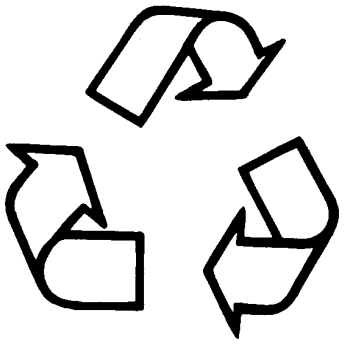
Improperly disposing of waste can threaten the environment and ecology. Potentially harmful waste used with John Deere equipment include such items as oil, fuel, coolant, brake fluid, filters, and batteries.

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

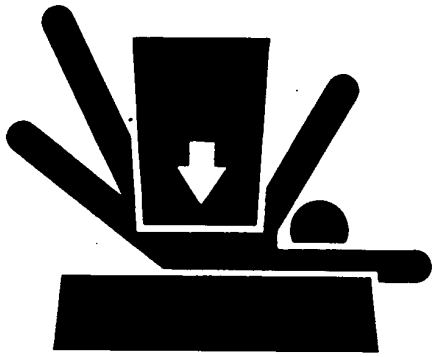
HX,9010SA,B -19-23AUG97-1/1

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.



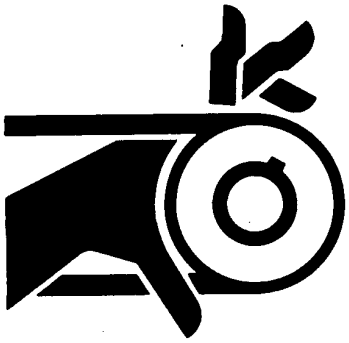
TS229 —UN—23AUG88

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

OUO6075,00026A4 -19-06FEB03-1/1

Service Tires Safely

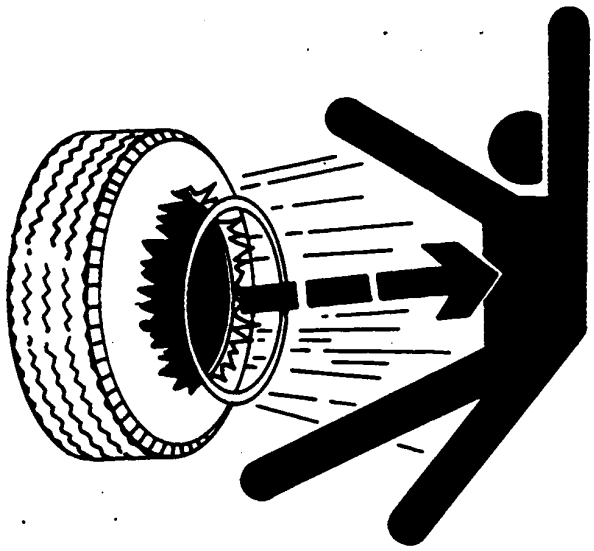
Explosive separation of a tire and rim parts can cause serious injury or death.

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

Safety Sign Location

Pictorial Safety Signs

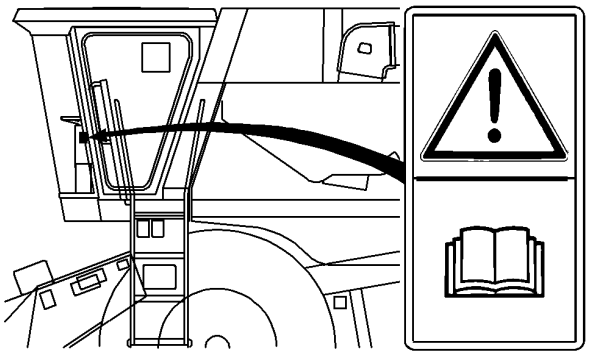
At several important places on this machine, safety signs are affixed intended to signify potential danger. The hazard is identified by a pictorial in a warning triangle. An adjacent pictorial provides information how to avoid personal injury. These safety signs, their placement on the machine and a brief explanatory text are shown below.

TS231 —19—07OCT88

OUO6075,0004057 -19-10AUG05-1/1

Operator's Manual

This operator's manual contains all important information necessary for safe machine operation. Carefully observe all safety rules to avoid accidents.

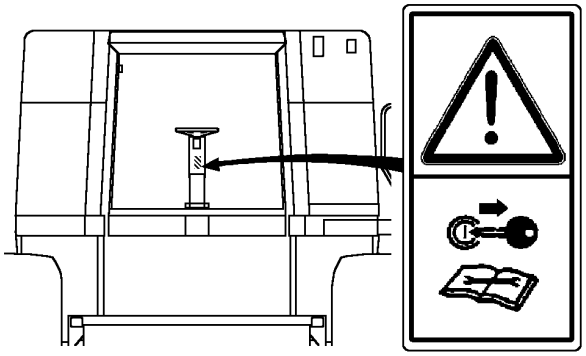


H81543 —UN—10SEP04

OUO6075,0004058 -19-10AUG05-1/1

Repair and Maintenance

Before carrying out repair and maintenance work, shut off engine, set parking brake and remove key. Refer to operator's manual for all maintenance work.



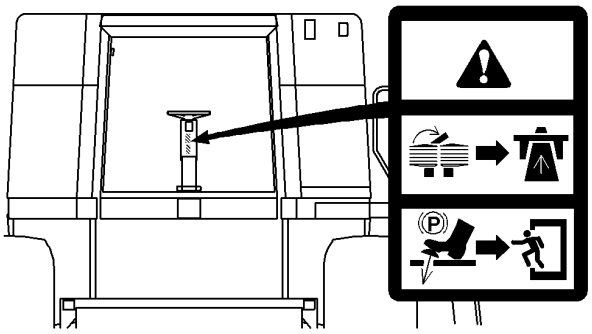
H65729 —UN—12JAN01

OUO6075,0004059 -19-10AUG05-1/1

Parking Brake

Set parking brake before leaving machine.

Lock service brakes together before driving on roadway and unlock service brake when operating in the field.

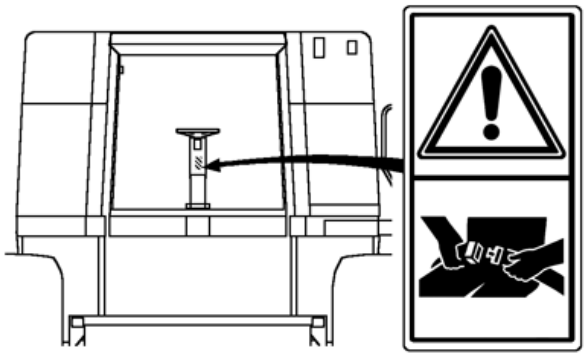


H83508 —UN—26MAY05

OUO6075,0004073 -19-10AUG05-1/1

Use Seat Belts

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

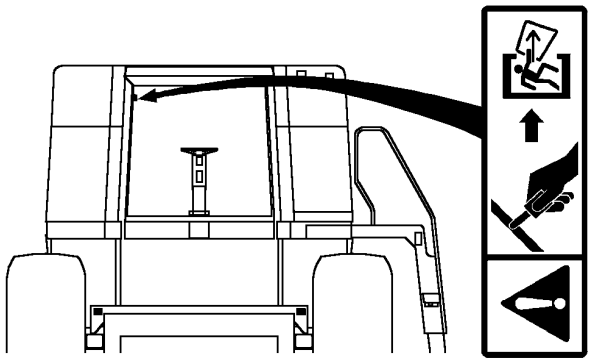


CQ283949 —UN—19FEB10

AS60558,0001847 -19-19FEB10-1/1

Emergency Exit

Emergency exit procedure. Pull tab, remove rope around window and push window outward.

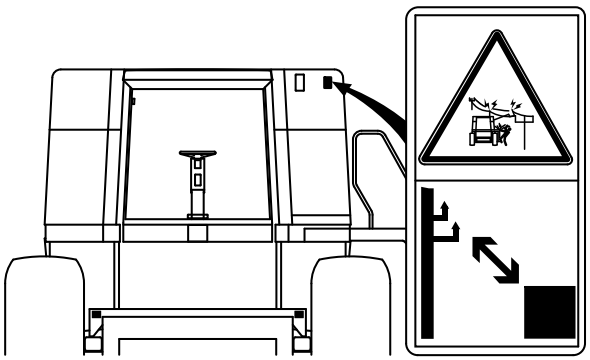


H65750 —UN—12JAN01

OUO6075,000405B -19-10AUG05-1/1

Avoid Contacting Power Lines

Avoid serious injury or death from electrocution. Do not contact electrical lines.

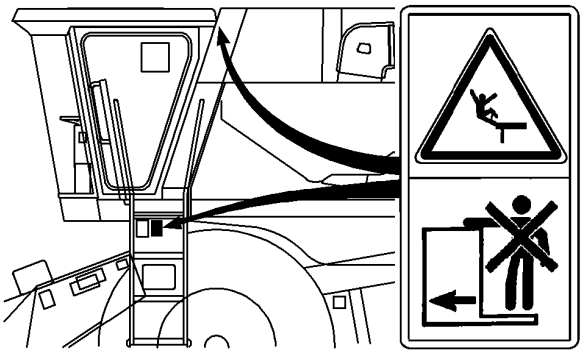


H83864 —UN—12JUL05

OUO6075,000405C -19-10AUG05-1/1

Cab Access Ladder and Platform

Avoid serious injury from falling. Do not allow riders on access ladder or platform area while machine is moving.

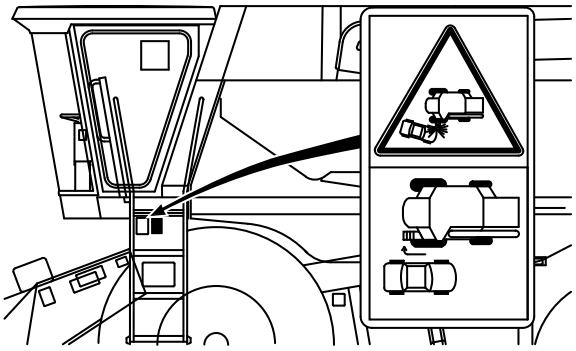


H81545 —UN—10SEP04

OUO6075,000405D -19-10AUG05-1/1

Avoid Motor Collisions

Avoid motor vehicle collisions and serious injury or death. Always swing ladder to forward locked position before driving machine on roadways.

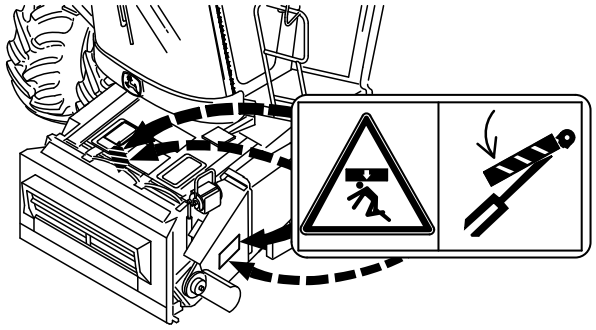


H81546 —UN—10SEP04

OUO6075,000405E -19-10AUG05-1/1

Feeder House Safety Stop

Avoid crushing injury. Rest header on ground or set safety stop, located on feeder house lift cylinder before getting under header.



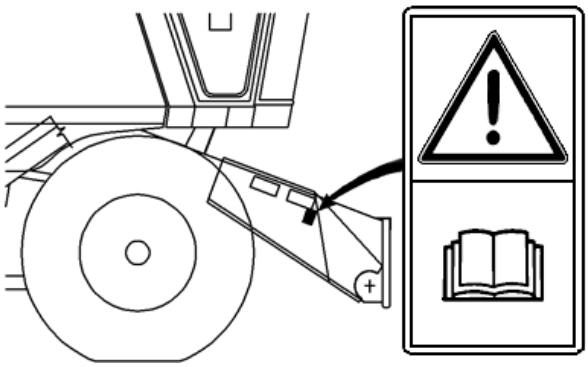
H83509 —UN—23JUN05

OUO6075,000405F -19-10AUG05-1/1

Drive Shafts Lubrication

Header must be parallel to top of feeder house when lubricating drive shafts.

For additional information about Service Intervals and Lubrication refer to “Lubrication and Maintenance” Section in this manual.

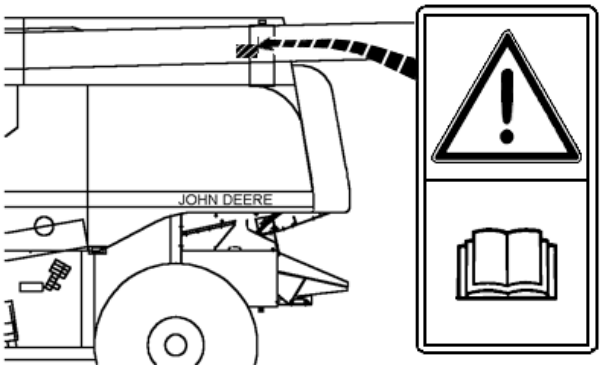


CQ282812 —UN—22MAY09

GB52027,0000B35 -19-25MAY09-1/1

Hydraulic Diagnostic Ports

Refer to the Diagnostics Tech Manual to obtain information about Hydraulic Diagnostic Ports test pressures.



CQ282817 —UN—22MAY09

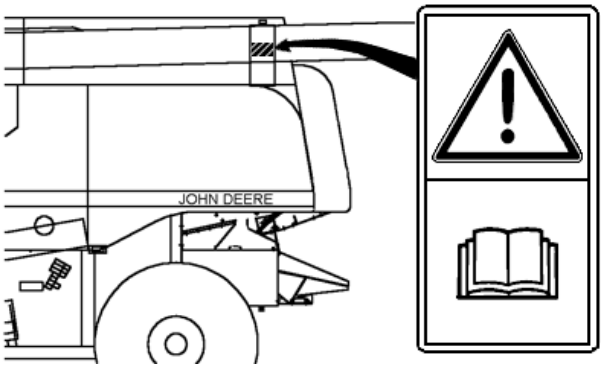
GB52027,0000B36 -19-25MAY09-1/1

Hydraulic Reservoir

Check Hydraulic oil level with the header on the ground.

Clean reservoir fill area before removing cap.

Use Hy-Gard™ or oil meeting JDM-J20C specifications only.



CQ282816 —UN—25MAY09

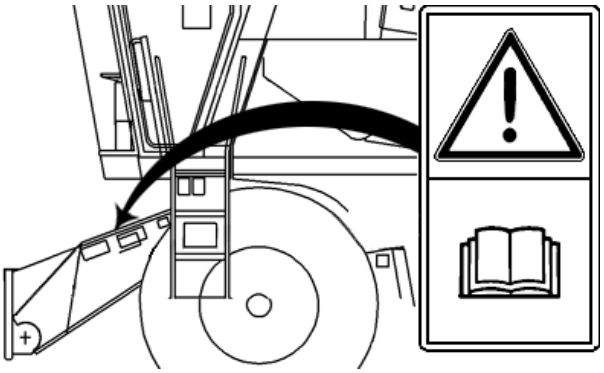
Hy-Gard is a trademark of Deere & Company

GB52027,0000B37 -19-25MAY09-1/1

Chain Tension Adjustment

Check Chain Tension (Both Sides) following the service intervals in “Lubrication and Maintenance” section.

The adjustment procedure is described on “Feder House” Section in this manual.



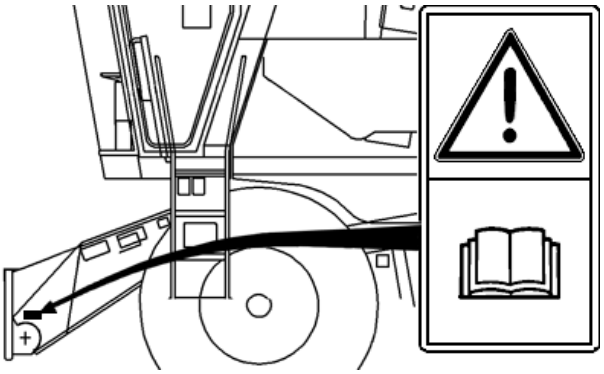
CQ282815 —UN—25MAY09

GB52027,0000B38 -19-25MAY09-1/1

Drive Shafts Lubrication

Header must be parallel to top of feeder house when lubricating drive shafts.

For additional information about Service Intervals and Lubrication refer to “Lubrication and Maintenance” Section in this manual.

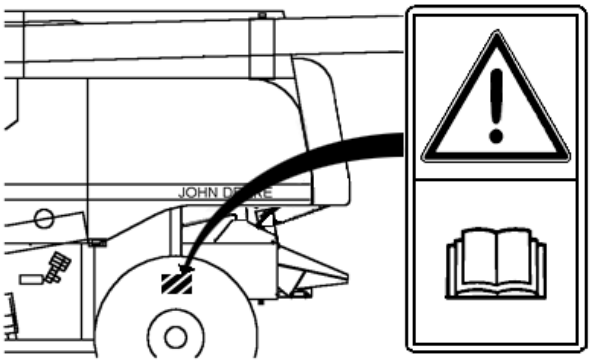


CQ282814 —UN—22MAY09

GB52027,0000B39 -19-25MAY09-1/1

Cleaning Shoe Settings

Refer to “Crop Settings” Section to check the correct cleaning shoe settings to each type of crop.



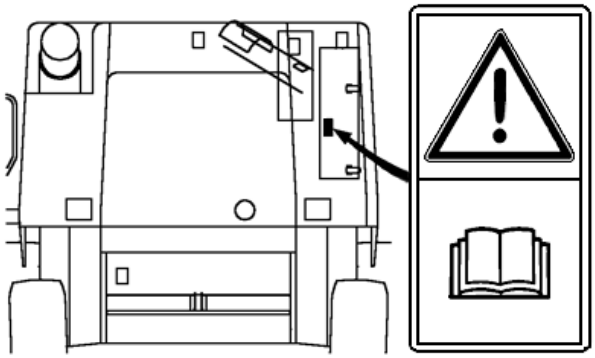
GB52027,0000B3A -19-25MAY09-1/1

Cooling Package Cleanout

When plugging occurs, remove trash from coolers and rotary screen.

Assure that roller track, vacuum ducts and aircleaner inlet tube are free of foreign material.

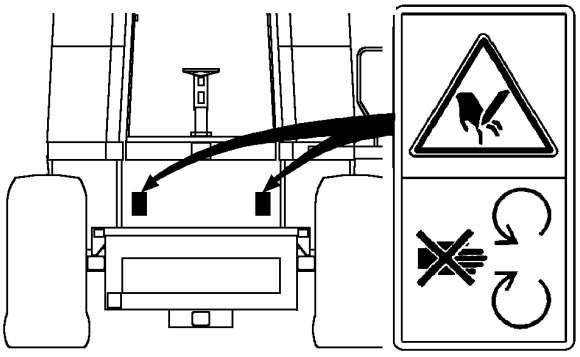
See “Lubrication and Maintenance” Section to obtain information about cleaning the engine precleaner.



GB52027,0000B3C -19-25MAY09-1/1

Feeder House Conveyor Chain

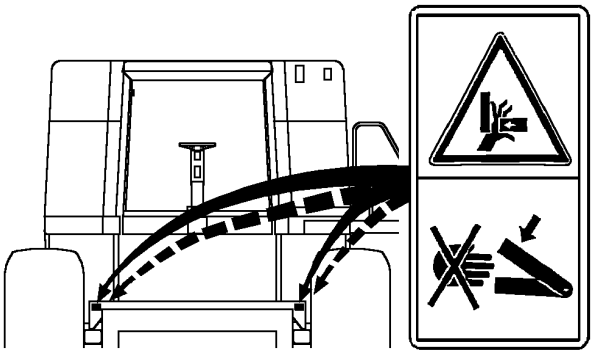
Potential hazard caused by rotating machine parts.



OUO6075,0004060 -19-10AUG05-1/1

Feeder House Tilt Frame

Header can tilt causing serious injury or death. Avoid crushing injuries. Stay clear when engine is running.

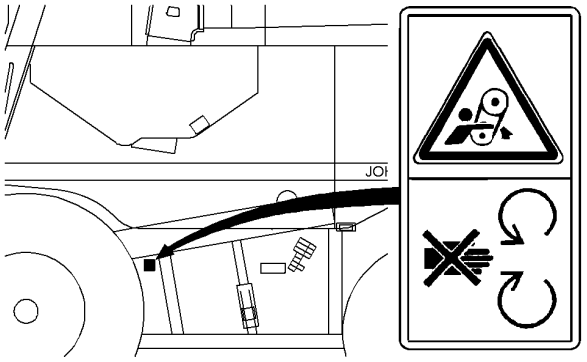


H67580 —UN—19APR01

OUO6075,0004061 -19-10AUG05-1/1

Left-Hand Guard

Avoid serious injury or death from entanglement. Never raise shield with engine running. Stop engine and remove key.

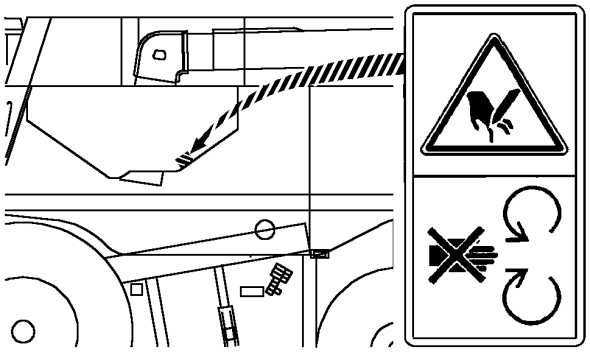


H81548 —UN—10SEP04

OUO6075,0004062 -19-10AUG05-1/1

Grain Tank Cleanout Doors

Avoid serious injury or death from entanglement. Stop engine and remove key before opening cleanout doors.



H65743 —UN—12JAN01

OUO6075,0004063 -19-23AUG07-1/1

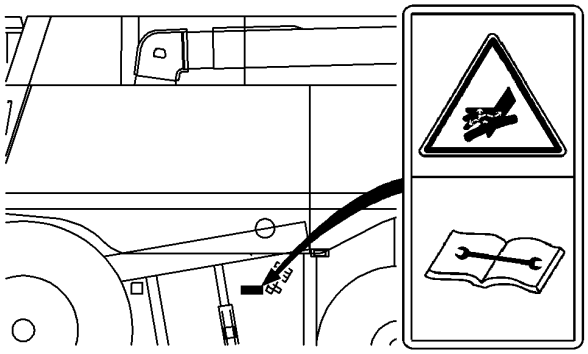
Hydraulic Oil and Gas Under Pressure

Avoid bodily injury from hydraulic oil and gas under pressure.

Before disassembling or charging accumulator, start engine and hold header height control to lower position for five seconds to relieve hydraulic pressure.

Stop engine and remove key.

Use only dry nitrogen for recharging accumulator, see your John Deere dealer.



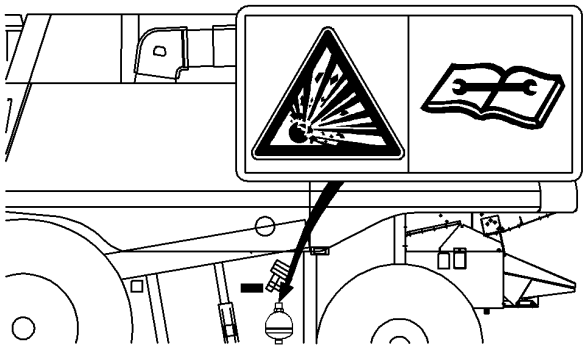
H81551 —UN—10SEP04

OUO6075,0004064 -19-10AUG05-1/1

Accumulator

To prevent the risk of injury as well as possible damage to the accumulator or hydraulic system, maintain recommended nitrogen gas pressure.

Charge only with dry nitrogen, Rated working pressure is 21,500 kPa (3120 psi), see your John Deere dealer.



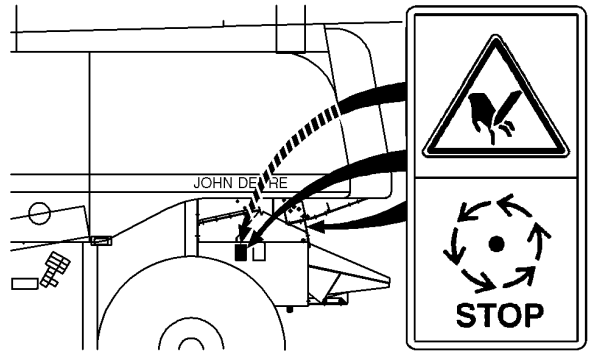
H81552 —UN—10SEP04

OUO6075,0004065 -19-10AUG05-1/1

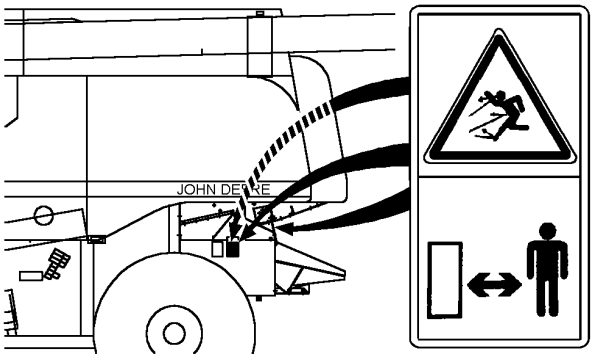
Chopper

Do not touch any moving machine parts. Wait until all moving parts have stopped.

Avoid serious injury from thrown objects. Stay clear while engine is running.



H78572 —UN—01OCT03

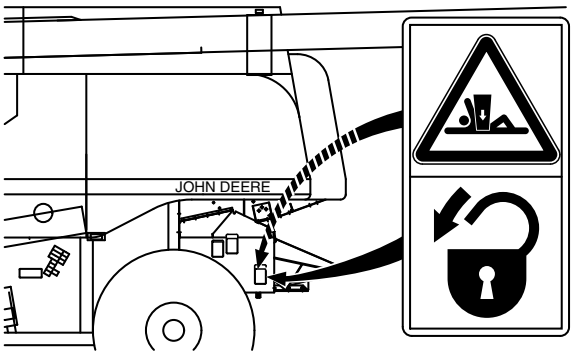


H65741 —UN—12JAN01

OUO6075,0004066 -19-10AUG05-1/1

Chopper or Spreader Lock-Out Pins

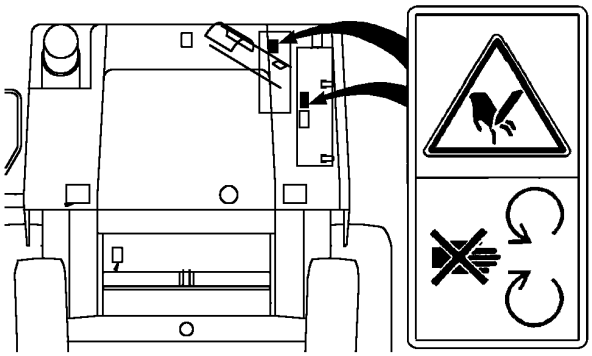
Avoid serious injury or death from crushing. Before performing service or maintenance on raised chopper or spreader, fully insert lock-out pins into place.



OUO6075,0004067 -19-10AUG05-1/1

Rotary Screen and Radiator Fan

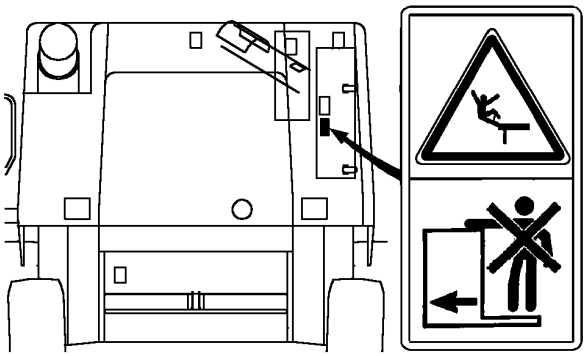
Avoid bodily injury from rotating fan and screen components. Shut engine off and remove key before opening rotary screen door.



OUO6075,0004068 -19-10AUG05-1/1

Rear Access Ladder and Service Platform

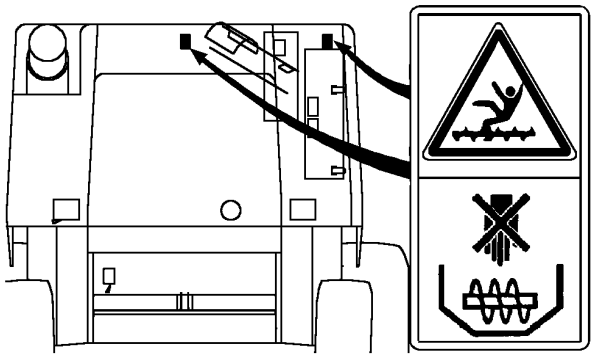
Avoid serious injury from falling. Do not ride ladder while machine is moving.



OUO6075,0004069 -19-10AUG05-1/1

Grain Tank

Avoid serious injury or death from entanglement. Do not enter grain tank area when engine is running.

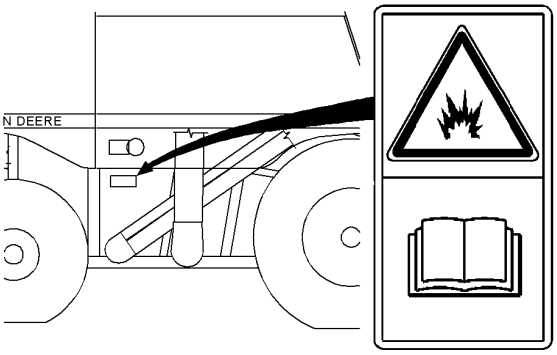


H65733 —UN—12JAN01

OUO6075,000406A -19-10AUG05-1/1

Battery Box

Avoid serious injury or death from explosion. High levels of hydrogen gas can accumulate if battery box is not vented properly. Always reinstall vent tubes after performing service or maintenance on batteries or battery box.

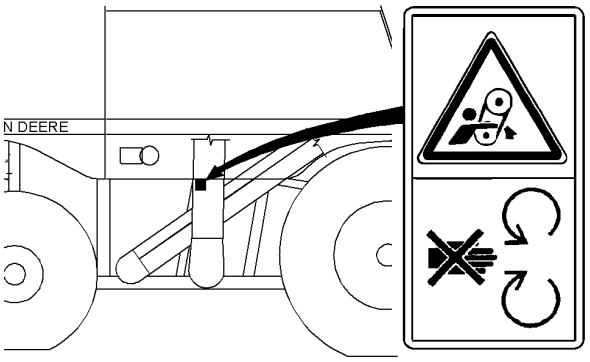


H83510 —UN—26MAY05

OUO6075,0004072 -19-10AUG05-1/1

Clean Grain Elevator

Avoid serious injury or death from entanglement. Never raise shield with engine running. Stop engine and remove key.

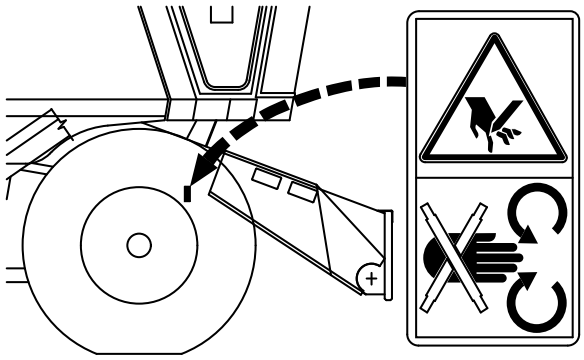


H81549 —UN—10SEP04

OUO6075,000406B -19-10AUG05-1/1

Stone Trap

Avoid serious injury from entanglement with feed accelerator. Do not clean out stone trap until all separator motion has stopped.

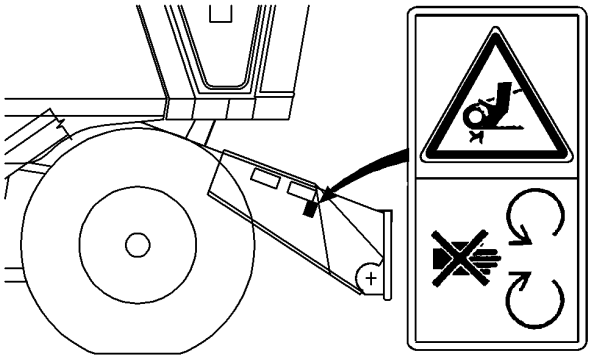


H83511 —UN—26MAY05

OUO6075,000406D -19-10AUG05-1/1

Feeder Conveyor Drive Guard

Do not open guard when the engine is running.



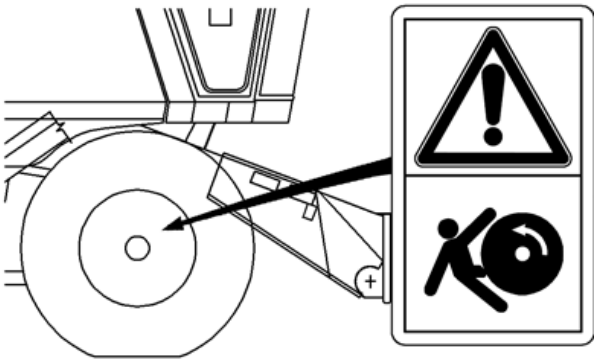
H81550 —UN—10SEP04

OUO6075,000406E -19-10AUG05-1/1

Dual Wheels

The dual wheels have an offset center of weight. Be careful when removing. Wheels require two people to install or remove.

To avoid bodily injury, special pilot studs are provided for removal and installation. See instructions provided with dual wheels.



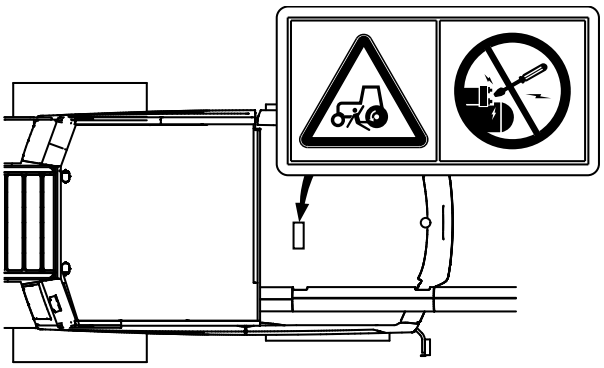
CQ283950 —UN—20FEB10

Left Side and Right Side

AS60558,0001848 -19-20FEB10-1/1

Starter

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

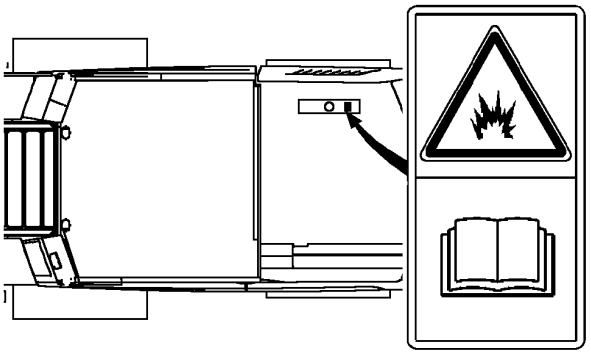


H74205 —UN—12NOV02

OUO6075,000406F -19-10AUG05-1/1

Radiator Cooling System

Pressurized cooling system. To prevent burn injury due to uncontrolled release of steam and hot coolant, wait until radiator has cooled to touch. Remove radiator cap slowly.



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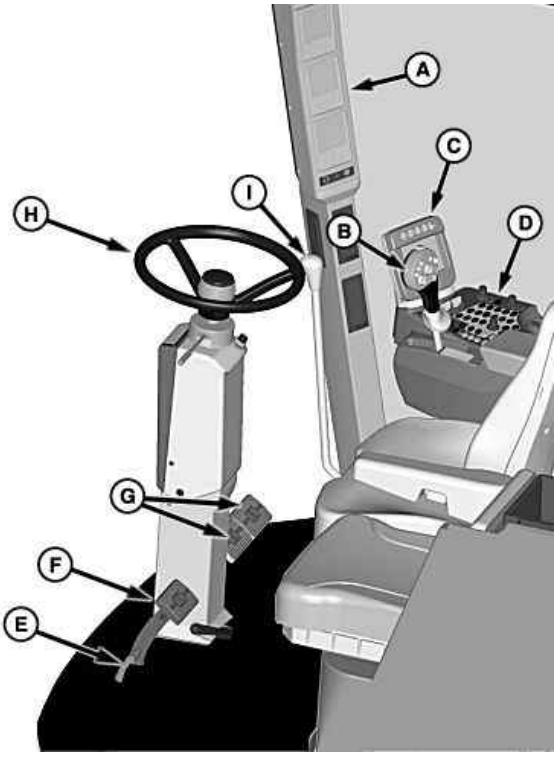
General View of Controls and Instruments

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



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

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CLIMATRAK Automatic Temperature Control

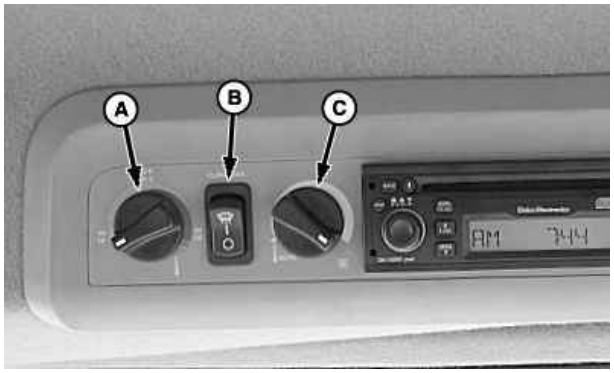
CLIMATRAK control system consists of temperature control dial (A), mode selector (B), fan control speed dial (C), and cab temperature sensor (D).

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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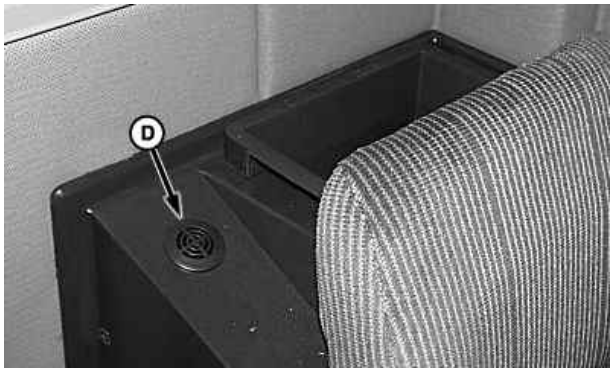

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A—Temperature Control Dial
B—Mode Selector
C—Fan Speed Control Dial
D—Cab Temperature Sensor

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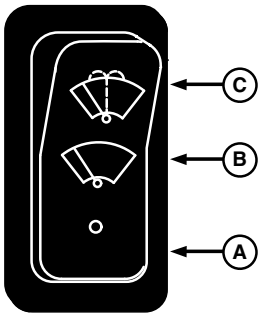
Windshield Wiper/Windshield Washer Switch

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.



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

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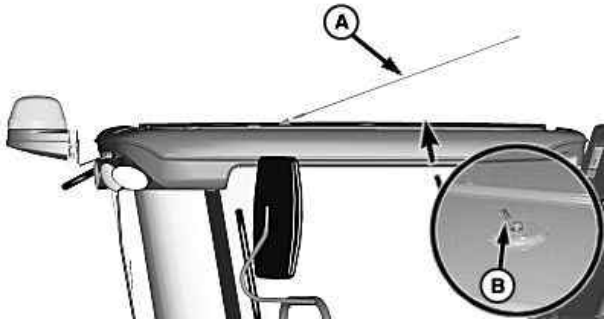
Antenna

If reception is poor, check if antenna (A) is in upright position.

If radio is not used or machine is being transported, fold radio antenna down and retain with hook (B).

A—Radio Antenna **B—Hook**



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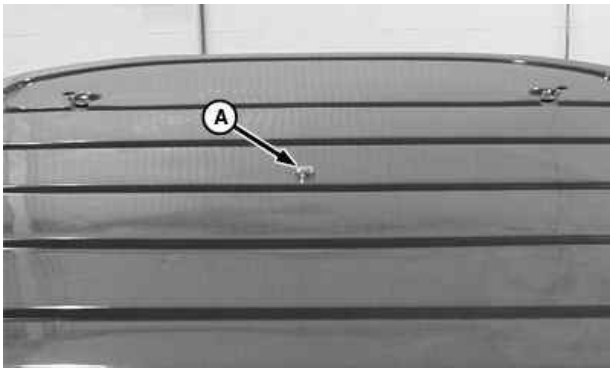
Communications/CB Radio Mounting

IMPORTANT: Do not install a radio requiring more than 3 amps or electrical system may malfunction.

To install additional radio or CB radio, see your John Deere dealer.

Antenna mount (A) is located in center of cab roof. Antenna cable (B) is located on right-hand side of cab under the armrest console.

A—Antenna Mount **B—Antenna Cable**



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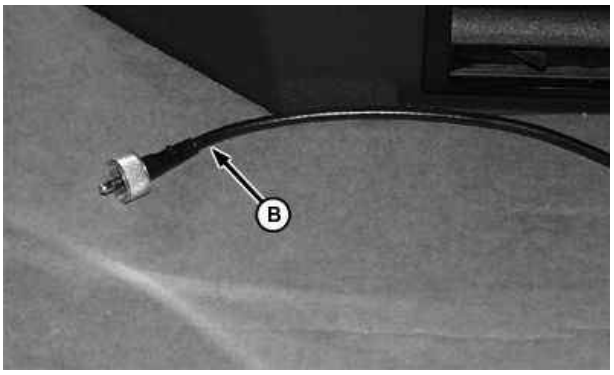

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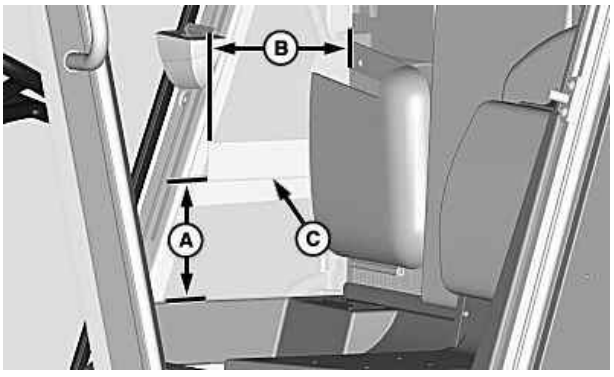
Use provided dimensions (A) and (B) to locate bracket (C) behind interior panel.

Using bracket (supplied by radio manufacture) as a template, drill holes as required through foam and plate on right-hand rear inside cab. Use self tapping screws to mount bracket.

A—Dimension, 185 mm (7.25 in.)
B—Dimension, 225 mm (9 in.)
C—Bracket, 50 mm (2 in.)



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