

S760, S770, S780, and S790 Combines (S.N. 800001—)



OPERATOR'S MANUAL S760, S770, S780, and S790 Combines OMHXE122584 ISSUE G7 (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.

John Deere Harvester Works

North American Edition
PRINTED IN U.S.A.



Introduction

Foreword

READ THIS MANUAL carefully to learn how to operate and service your machine correctly. Failure to do so could result in personal injury or equipment damage. This manual and safety signs on your machine may also be available in other languages. (See your John Deere dealer to order.)

THIS MANUAL SHOULD BE CONSIDERED a permanent part of your machine and should remain with the machine when you sell it.

MEASUREMENTS in this manual are given in both metric and customary U.S. unit equivalents. Use only correct replacement parts and fasteners. Metric and inch fasteners may require a specific metric or inch wrench.

RIGHT-HAND AND LEFT-HAND sides are determined by facing in the direction of forward travel.

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

If you are not the original owner of this machine, it is in your interest to contact your local John Deere dealer to inform them of this unit's serial number. This will help John Deere notify you of any issues or product improvements.

DX,IFC1 -19-03APR09-1/1

Identification View



Grain Tank Extension



Grain Tank Cover

H113914 —UN—12MAY15

H113915 —UN—12MAY15

SS43267,00005E9 -19-12MAY15-1/1

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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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A John Deere ILLUSTRATION™ Manual

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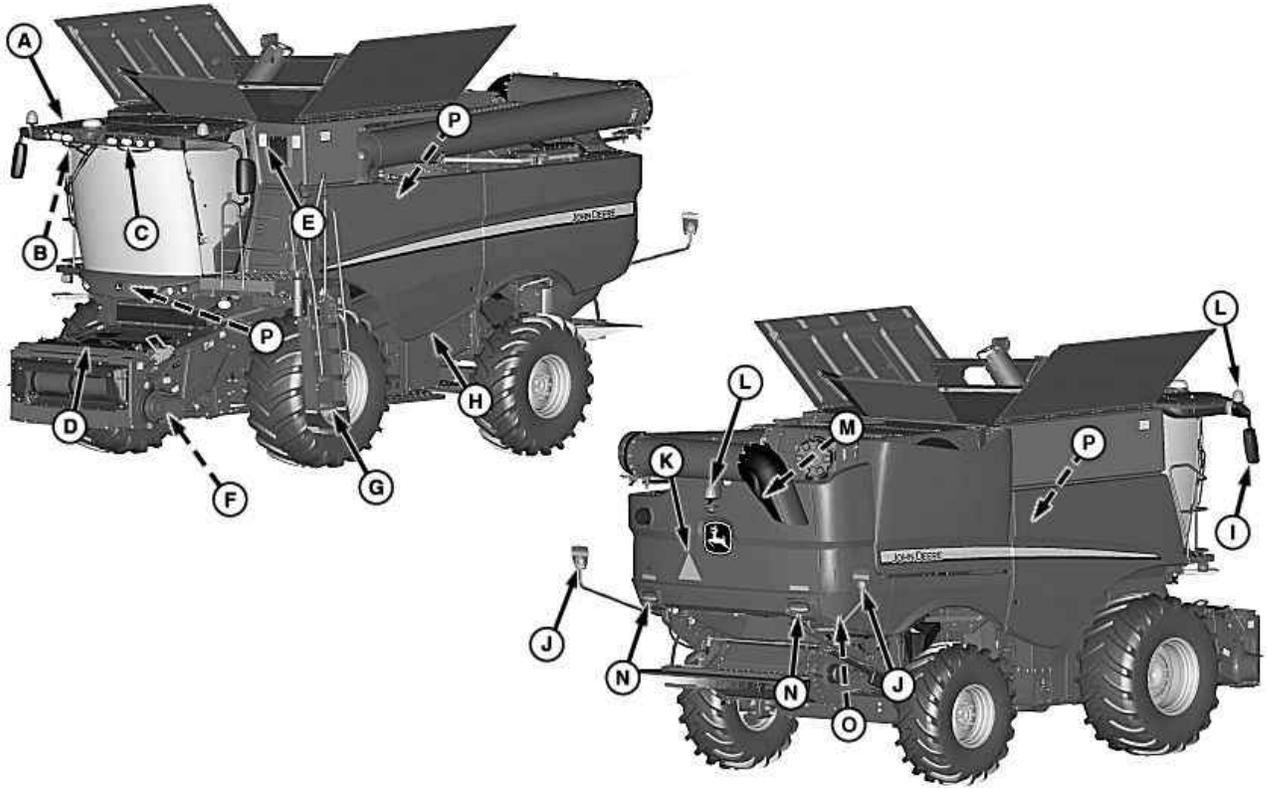
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Safety Features

Machine Safety Features



Front View/Rear View Safety Features

- | | | | |
|---|---|---|--|
| <p>A—Cab Safety Features:
Operator's Presence System,
Electronic Engine Start
Lockout, Seat Belts, Horn,
Emergency Exit Window,
Park Brake, Turn Signals</p> <p>B—Handholds</p> | <p>C—Headlights</p> <p>D—Slip Resistant Skid Mats</p> <p>E—Safety Signs</p> <p>F—Mechanical Safety Stop
(Feeder House)</p> <p>G—Slip Resistant Steps and
Platform with Handrails</p> | <p>H—Shields</p> <p>I—Rear View Mirrors</p> <p>J—Warning Lights and Reflective
Tape</p> <p>K—Slow Moving Vehicle Emblem</p> <p>L—Beacon Lights</p> <p>M—Back-Up Alarm</p> <p>N—Taillights</p> <p>O—Slip Resistant Service
Platform with Handrails</p> | <p>P—Rotational Alarm Safety
Features: Discharge Light,
Stubble Lights, Gullwing
Service Lights</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.

SS43267,0000531 -19-09JUN15-1/1

H114478—UN—08JUN15

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.



TB1389 —UN—28JUN13

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

Understand Signal Words

DANGER; The signal word DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

WARNING; The signal word WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION; The signal word CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury. CAUTION may also be used to alert against unsafe practices associated with events which could lead to personal injury.

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 -19-05OCT16-1/1

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.

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



TS201 —UN—15APR13

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

Spanish Safety Signs and Operator's Manual

Spanish versions of the operator's manual and safety signs are available for this machine through authorized John Deere dealers. See your John Deere dealer.



OUC6075,0000145 -19-22MAY08-1/1

TS201—UN—15APR13

Driving the Machine

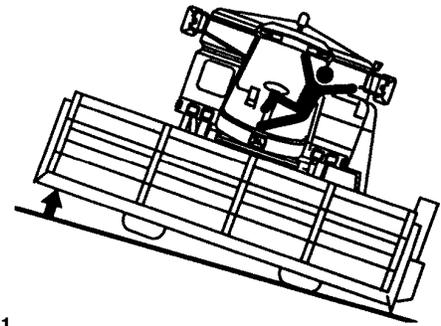
Operate machine only when all guards are correctly installed.

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

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.

OUC6075,0000AB7 -19-21FEB07-1/1

ZX002461—UN—16JUN95

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.



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

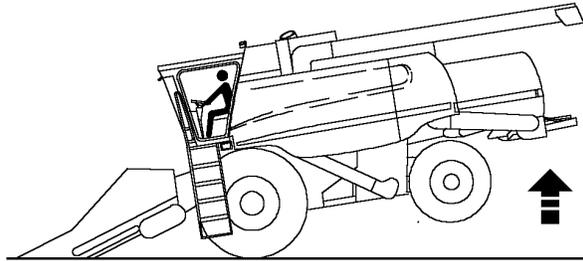
TS253—UN—23AUG88

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.



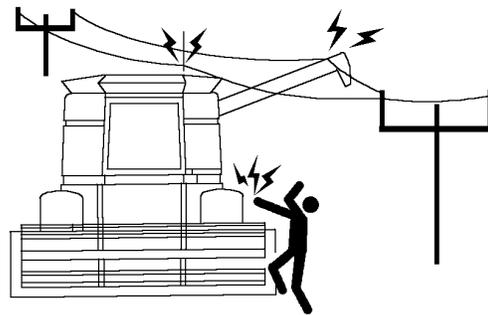
H51907—UN—10FEB99

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

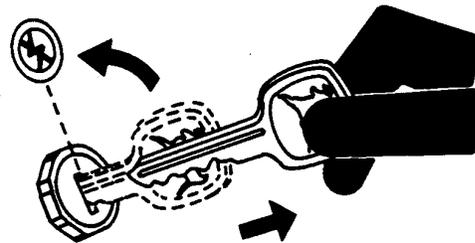
Parking and Leaving the Machine

Lower harvesting unit to the ground.

Before leaving machine, disengage harvesting unit and separator. Move multi-function lever to neutral position and shut OFF machine. 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.



T5230—UN—24MAY89

OQ06075,0000AEB -19-11FEB14-1/1

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—15APR13

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.

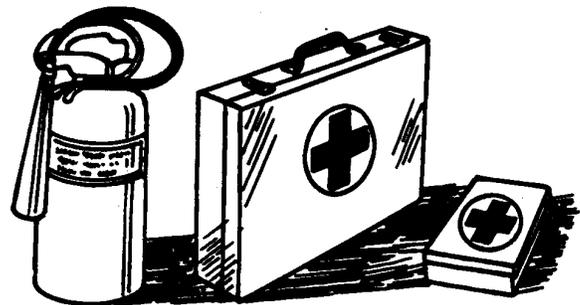
DX,FIRE1 -19-12OCT11-1/1

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—15APR13

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

Handle Starting Fluid Safely

Starting fluid is highly flammable.

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

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

Do not incinerate or puncture a starting fluid container.

Do not use starting fluid on an engine equipped with glow plugs or an air intake heater.



TS1356—UN—18MAR92

DX,FIRE3 -19-14MAR14-1/1

In Case of Fire

⚠ CAUTION: Avoid personal injury.

Stop machine immediately at the first sign of fire. Fire may be identified by the smell of smoke or sight of flames. Because fire grows and spreads rapidly, get off the machine immediately and move safely away from the fire. Do not return to the machine! The number one priority is safety.

Call the fire department. A portable fire extinguisher can put out a small fire or contain it until the fire department arrives; but portable extinguishers have limitations. Always put the safety of the operator and bystanders first. If attempting to extinguish a fire, keep your back to the wind with an unobstructed escape path so you can move away quickly if the fire cannot be extinguished.

Read the fire extinguisher instructions and become familiar with their location, parts, and operation before a fire starts. Local fire departments or fire equipment distributors may offer fire extinguisher training and recommendations.

If your extinguisher does not have instructions, follow these general guidelines:

1. Pull the pin. Hold the extinguisher with the nozzle pointing away from you, and release the locking mechanism.
2. Aim low. Point the extinguisher at the base of the fire.
3. Squeeze the lever slowly and evenly.
4. Sweep the nozzle from side-to-side.



TS227—UN—15APR13

DX,FIRE4 -19-22AUG13-1/1

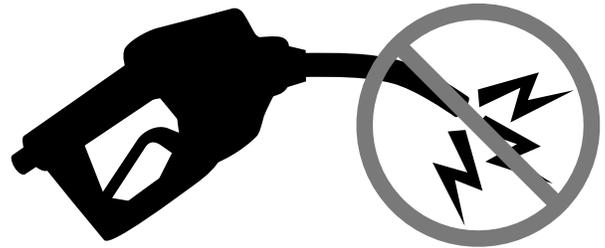
Avoid Static Electricity Risk When Refueling

The removal of sulfur and other compounds in Ultra-Low Sulfur Diesel (ULSD) fuel decreases its conductivity and increases its ability to store a static charge.

Refineries may have treated the fuel with a static dissipating additive. However, there are many factors that can reduce the effectiveness of the additive over time.

Static charges can build up in ULSD fuel while it is flowing through fuel delivery systems. Static electricity discharge when combustible vapors are present could result in a fire or explosion.

Therefore, it is important to ensure that the entire system used to refuel your machine (fuel supply tank, transfer pump, transfer hose, nozzle, and others) is properly grounded and bonded. Consult with your fuel or fuel system supplier to ensure that the delivery system is in compliance with fueling standards for proper grounding and bonding practices.



RG22142—UN—17MAR14

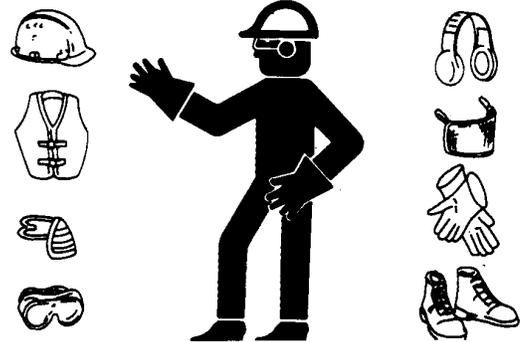
RG21992—UN—21AUG13

DX,FUEL,STATIC,ELEC -19-12JUL13-1/1

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—15APR13

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 brake and remove key before servicing or unclogging machine.



ES118 704

ES118704—UN—21MAR95

OOU6075,00009E5 -19-28SEP10-1/1

Keep Hands Away From Knives

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

Everyone must be clear of machine before starting engine.



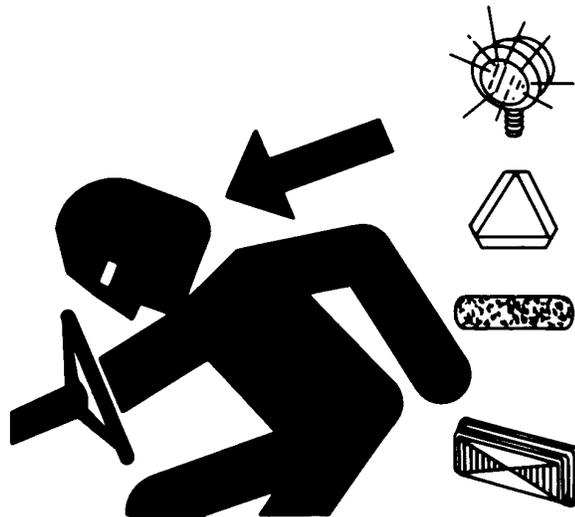
T5254 —UN—23AUG88

OJ06075,00009E6 -19-28SEP10-1/1

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.



T5951 —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

Instructional Seat

The instructional seat, if so equipped, has been provided only for training operators or diagnosing machine problems.



DX,SEAT,NA -19-22AUG13-1/1

TS1730 —UN—24MAY13

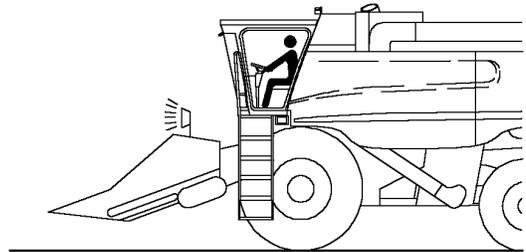
Transport Combine With Header Safely

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.



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

H51909 —UN—07MAY99

Prevent Machine Runaway or Unexpected Movement

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

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



AG,OOU1035,792 -19-08,JUL99-1/1

H68737 —UN—08JUL99

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 away 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.

Falling while cleaning or working at height can cause serious injury. Use a ladder or platform to easily reach each location. Use sturdy and secure footholds and handholds.



TS218 —UN—23AUG88

DX,SERV -19-28FEB17-1/1

Welding Near Electronic Control Units

IMPORTANT: Do not jump-start engines with arc welding equipment. Currents and voltages are too high and may cause permanent damage.

1. Disconnect the negative (-) battery cable(s).
2. Disconnect the positive (+) battery cable(s).
3. Connect the positive and negative cables together. Do not attach to vehicle frame.
4. Clear or move any wiring harness sections away from welding area.
5. Connect welder ground close to welding point and away from control units.



6. After welding, reverse Steps 1—5.

TS963 —UN—15MAY90

DX,WW,ECU02 -19-14AUG09-1/1

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.

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

TS220 —UN—15APR13

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

TS266 —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.



TS256 —UN—23AUG88

OOU6043,00015E2 -19-24MAY04-1/1

Stay Clear of Rotating Drivelines

Entanglement in rotating driveline can cause serious injury or death.

Keep all shields in place at all times. Make sure rotating shields turn freely.

Wear close-fitting clothing. Stop the engine and be sure that all rotating parts and drivelines are stopped before making adjustments, connections, or performing any type of service on engine or machine driven equipment.



TS1644 —UN—22AUG95

DX,ROTATING -19-18AUG09-1/1

Install All Shields and Guards

Rotating fans, belts, pulleys, and drives can cause serious injury.

Keep all shields and guards in place at all times during operation.

Wear close-fitting clothes. Stop the engine and be sure fans, belts, pulleys, and drives are stopped before making adjustments, connections, or cleaning near fans and their drive components.



TS677 —UN—21SEP88

OOU6075,0000C23 -19-03MAY11-1/1

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.

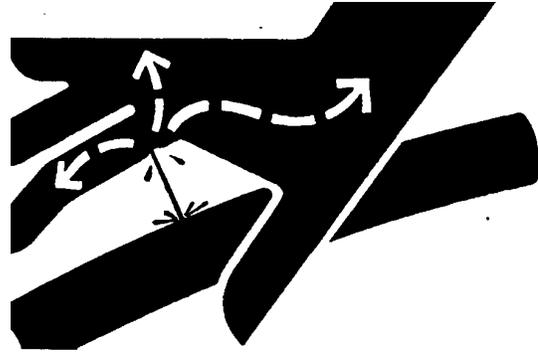
Replace worn or damaged hose assemblies immediately with John Deere approved replacement parts.

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.

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

X9811 —UN—23AUG88

Do Not Open High-Pressure Fuel System

High-pressure fluid remaining in fuel lines can cause serious injury. Do not disconnect or attempt repair of fuel lines, sensors, or any other components between the high-pressure fuel pump and nozzles on engines with High Pressure Common Rail (HPCR) fuel system.

Only technicians familiar with this type of system can perform repairs. (See your John Deere dealer.)



DX,WW,HPCR1 -19-07JAN03-1/1

TS1343 —UN—18MAR92

Service Accumulator Systems Safely

Escaping fluid or gas from systems with pressurized accumulators that are used in air conditioning, hydraulic, and air brake 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 pressurized system before removing accumulator.

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.



DX,WW,ACCLA2 -19-22AUG03-1/1

TS281 —UN—15APR13

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—JUN—18MAR92

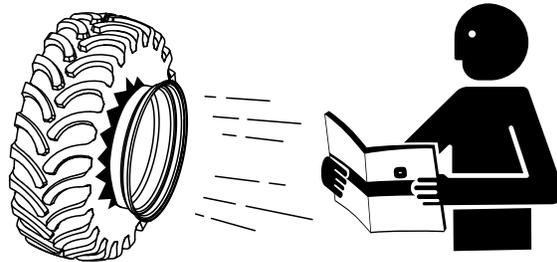
DX,SPRAY -19-16APR92-1/1

Follow Tire Recommendations

Keep your machine in proper working order.

Use only prescribed tire sizes with correct ratings and inflate to the pressure specified in this manual.

Use of other than prescribed tires may decrease stability, affect steering, result in premature tire failure, or cause other durability or safety issues.



H11235—JUN—13MAY14

DX,TIRE.INFO -19-19MAY14-1/1

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.



RXA0103438—JUN—11JUN09

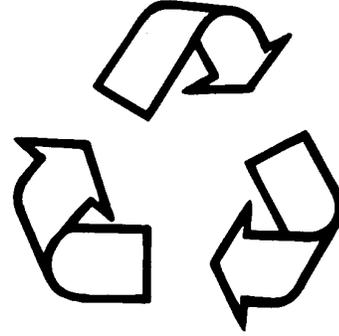
Wheels and tires are heavy. When handling wheels and tires use a safe lifting device or get an assistant to help lift, install, or remove.

DX,WW,RIMS -19-28FEB17-1/1

Decommissioning — Proper Recycling and Disposal of Fluids and Components

Safety and environmental stewardship measures must be taken into account when decommissioning a machine and/or component. These measures include the following:

- Use appropriate tools and personal protective equipment such as clothing, gloves, face shields or glasses, during the removal or handling of objects and materials.
- Follow instructions for specialized components.
- Release stored energy by lowering suspended machine elements, relaxing springs, disconnecting the battery or other electrical power, and releasing pressure in hydraulic components, accumulators, and other similar systems.
- Minimize exposure to components which may have residue from agricultural chemicals, such as fertilizers and pesticides. Handle and dispose of these components appropriately.
- Carefully drain engines, fuel tanks, radiators, hydraulic cylinders, reservoirs, and lines before recycling components. Use leak-proof containers when draining fluids. Do not use food or beverage containers.
- Do not pour waste fluids onto the ground, down a drain, or into any water source.
- Observe all national, state, and local laws, regulations, or ordinances governing the handling or disposal of waste fluids (example: oil, fuel, coolant, brake fluid);



- filters; batteries; and, other substances or parts. Burning of flammable fluids or components in other than specially designed incinerators may be prohibited by law and could result in exposure to harmful fumes or ashes.
- Service and dispose of air conditioning systems appropriately. Government regulations may require a certified service center to recover and recycle air conditioning refrigerants which could damage the atmosphere if allowed to escape.
- Evaluate recycling options for tires, metal, plastic, glass, rubber, and electronic components which may be recyclable, in part or completely.
- Contact your local environmental or recycling center, or your John Deere dealer for information on the proper way to recycle or dispose of waste.

DX.DRAIN -19-01JUN15-1/1

TS1133 —UN—15APR13

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.



OU06075,0000ABC -19-21FEB07-1/1

TS281 —UN—15APR13

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—15APR13

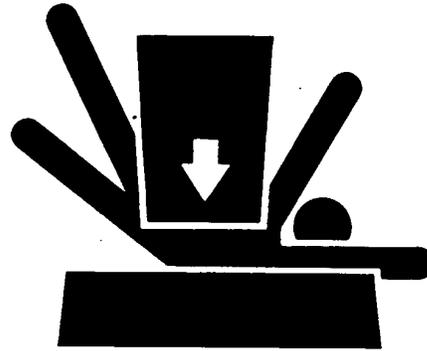
HX,9010SA,B -19-23AUG97-1/1

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

Store Attachments Safely

Stored attachments such as dual wheels, cage wheels, and loaders can fall and cause serious injury or death.

Securely store attachments and implements to prevent falling. Keep playing children and bystanders away from storage area.



TS219 —UN—23AUG88

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

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.



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

TSS285 —UN—23AUG88

Handle Electronic Components and Brackets Safely

Falling while installing or removing electronic components mounted on equipment can cause serious injury. Use a ladder or platform to easily reach each mounting location. Use sturdy and secure footholds and handholds. Do not install or remove components in wet or icy conditions.

If installing or servicing a RTK base station on a tower or other tall structure, use a certified climber.

If installing or servicing a global positioning receiver mast used on an implement, use proper lifting techniques and wear proper protective equipment. The mast is heavy and can be awkward to handle. Two people are required when mounting locations are not accessible from the ground or from a service platform.



DX,WW,RECEIVER -19-24AUG10-1/1

TS249 —UN—23AUG88

Avoid Backover Accidents

Before moving machine, be sure that all persons are clear of machine path. Turn around and look directly for best visibility. Use a signal person when backing if view is obstructed or when in close quarters.

Do not rely on a camera to determine if personnel or obstacles are behind the machine. The system can be limited by many factors including maintenance practices, environmental conditions, and operating range.

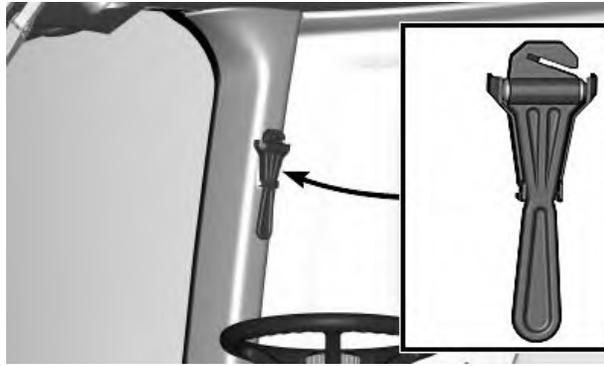


DX,AVOID,BACKOVER,ACCIDENTS -19-30AUG10-1/1

PC10857XW —UN—15APR13

Emergency Exit

Seat belt may be cut and window glass broken with hammer to exit cab in an emergency.



H121321 —UN—21APR17

OOU06075,0004722 -19-21APR17-1/1

Handling Batteries Safely

Battery gas can explode. Keep sparks and flames away from batteries. Use a flashlight to check battery electrolyte level.

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

Always remove grounded (-) battery clamp first and replace grounded clamp last.

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

Avoid hazards by:

- Filling batteries in a well-ventilated area
- Wearing eye protection and rubber gloves
- Avoiding use of air pressure to clean batteries
- Avoiding breathing fumes when electrolyte is added
- Avoiding spilling or dripping electrolyte
- Using correct battery booster or charger procedure.

If acid is spilled on skin or in eyes:

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

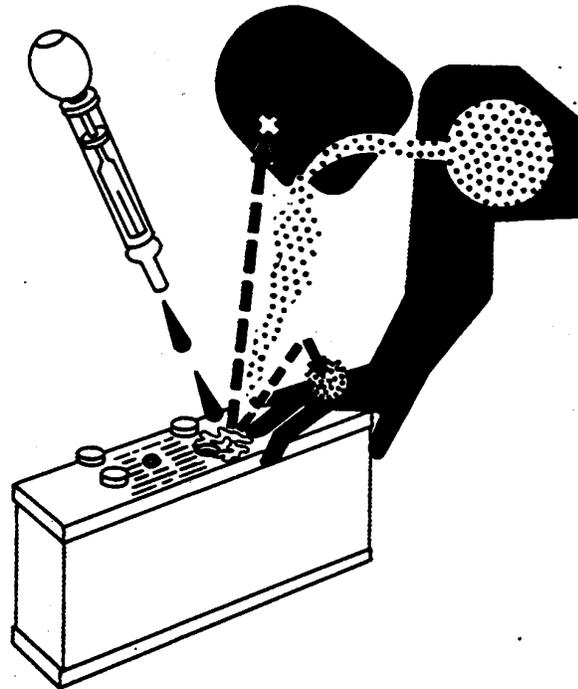
If acid is swallowed:

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

WARNING: Battery posts, terminals, and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. **Wash hands after handling.**



TS204 —UN—15APR13



TS203 —UN—23AUG88

DX,WW,BATTERIES -19-02DEC10-1/1

Clean Exhaust Filter Safely

During exhaust filter cleaning operations, the engine may run at elevated idle and hot temperatures for an extended period of time. Exhaust gases and exhaust filter components reach temperatures hot enough to burn people, or ignite or melt common materials.

Keep machine away from people, animals, or structures which may be susceptible to harm or damage from hot exhaust gases or components. Avoid potential fire or explosion hazards from flammable materials and vapors near the exhaust. Keep exhaust outlet away from people and anything that can melt, burn, or explode.

Closely monitor machine and surrounding area for smoldering debris during and after exhaust filter cleaning.

Adding fuel while an engine is running can create a fire or explosion hazard. Always stop engine before refueling machine and clean up any spilled fuel.

Always make sure that engine is stopped while hauling machine on a truck or trailer.

Contact with exhaust components while still hot can result in serious personal injury.

Avoid contact with these components until cooled to safe temperatures.

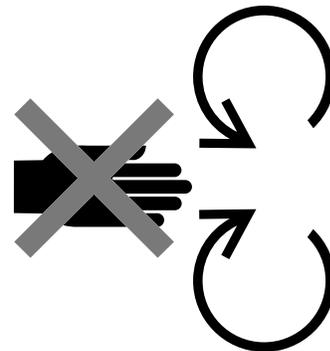
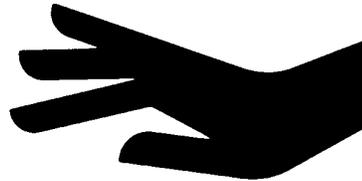
If service procedure requires engine to be running:

- Only engage power-driven parts required by service procedure
- Ensure that other people are clear of operator station and machine

Keep hands, feet, and clothing away from power-driven parts.

Always disable movement (neutral), set the parking brake or mechanism and disconnect power to attachments or tools before leaving the operator's station.

Shut off engine and remove key (if equipped) before leaving the machine unattended.



TS227 —UN—15APR13

TS271 —UN—23AUG88

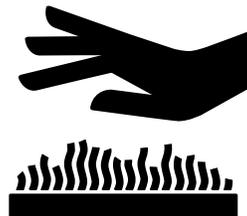
TS1693 —UN—09DEC09

OU06075.0000E81 -19-07FEB12-1/1

Avoid Hot Exhaust

Servicing machine or attachments with engine running can result in serious personal injury. Avoid exposure and skin contact with hot exhaust gases and components.

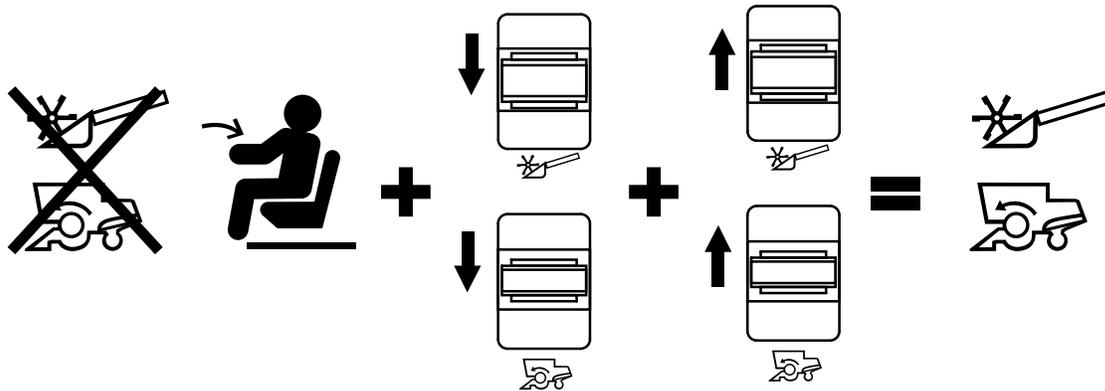
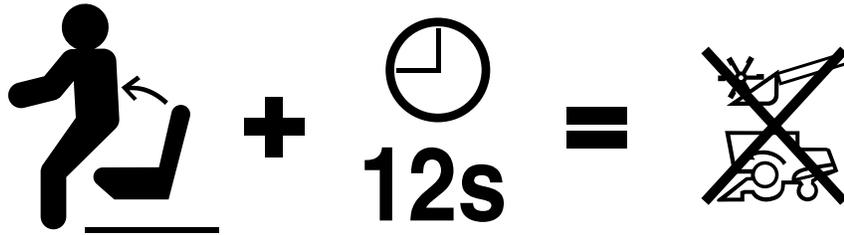
Exhaust parts and streams become very hot during operation. Exhaust gases and components reach temperatures hot enough to burn people, ignite, or melt common materials.



RG17488 —UN—21AUG09

DX,EXHAUST -19-20AUG09-1/1

Rotational Alarm System



If operator leaves seat with header and or separator engaged, lights flash and an alarm sounds. If operator continues to be out of the seat, harvesting functions stop.

If harvesting functions are stopped, they need to be restarted before continuing to harvest.

To restart harvesting functions, operator must be in seated position and reset and engage separator and header switches on the armrest console.

SS43267,00005D8 -19-08MAY15-1/1

H113906—UN—08MAY15

Operator Presence System

Operator presence system indicates the presence of the operator.

System prevents engagement of the following functions when operator is not present in seat.

- Separator Engage
- Header Engage
- Unloading Auger Engage
- AutoTrac™
- Propulsion

AutoTrac is a trademark of Deere & Company

- Feedrate
- Header Height Control
- Kemper Rooding Float Mode

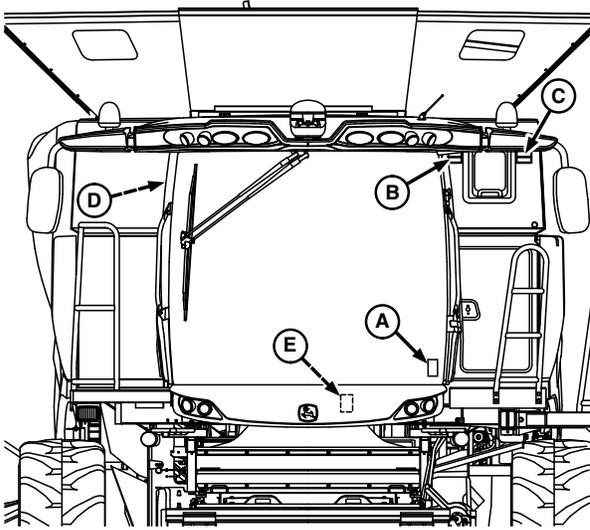
If operator leaves seat with header and or separator engaged for more than 5—7 seconds, lights flash and an alarm sounds. If operator continues to be out of the seat, harvesting functions stop.

To restart functions, operator must return to seated position and re-engage each function.

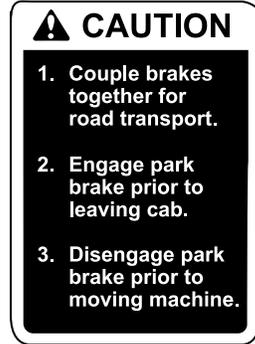
SS43267,00005EC -19-18JUN15-1/1

Safety Signs

Front View Decals



H105073 —UN—23MAR12



Decal A

SSN372425 —19—06APR05



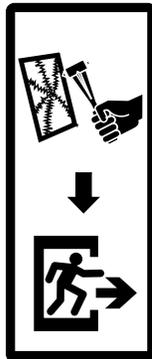
Decal B

SSH209454 —19—06APR05



Decal C

SSH209452 —19—19APR05



Decal D

H87964 —UN—15SEP10

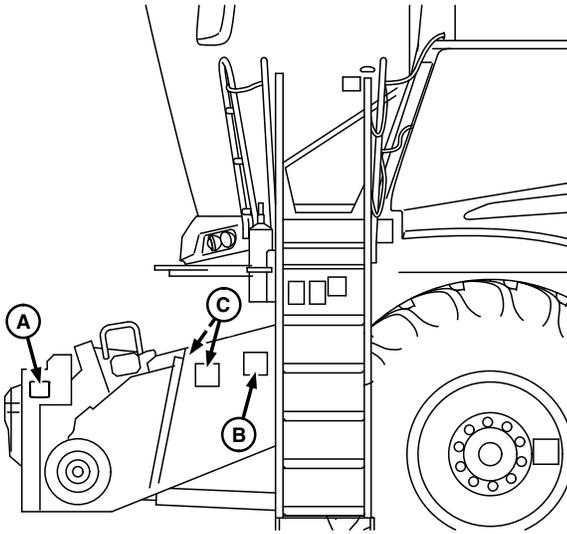


Decal E (Located on Cab Support) (ProDrive™ Machines Only)

SSHXE28534 —19—04AUG10

OUC06075,0004598 -19-03FEB17-1/1

Feeder House Left-Hand Decals



H96693 —UN—02SEP10



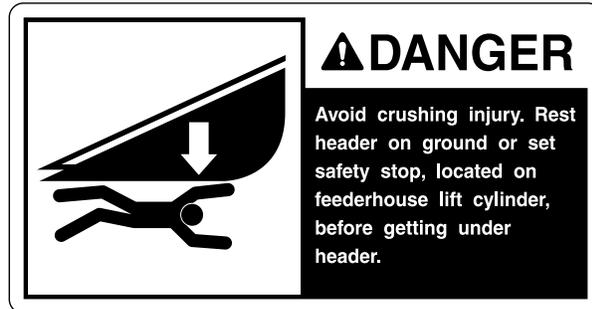
Decal A

SSH151607 —19—06APR05



Decal B

SSHXE28534 —19—04AUG10

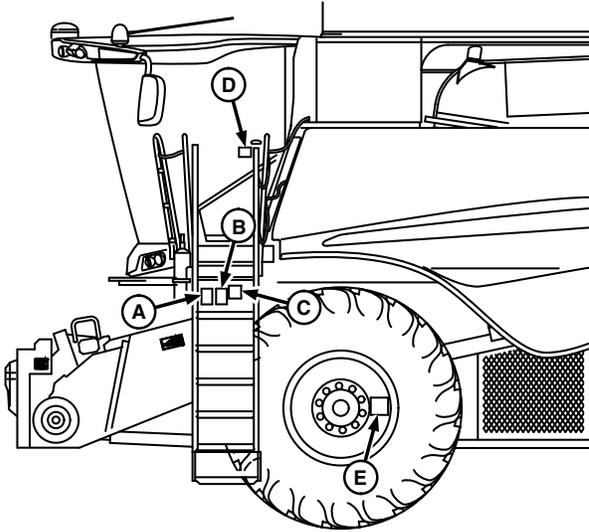


Decal C (2 Places)

SSHXE123792 —19—21JUN17

OJ06075,0004599 -19-26APR17-1/1

Cab Decals and Ladder Decals



H96694 —UN—03AUG10



Decal A

SSH149064 —19—06APR05



Decal B

SSH170654 —19—06APR05



Decal C

SSHXE19558 —19—08JUN10



Decal D

SSH202640 —19—06APR05

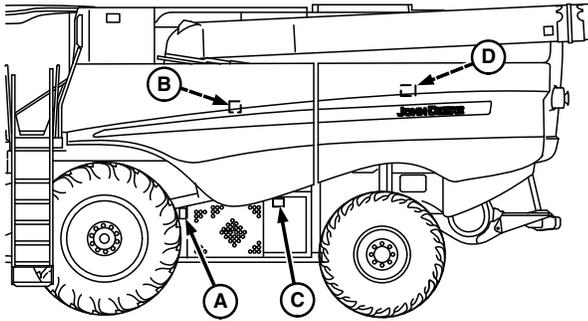


Decal E (Dual Wheel Only)

SSH158975 —19—06APR05

OUC6075.000459A -19-03FEB17-1/1

Left-Hand View Decals



H114386 —UN—08JUN15



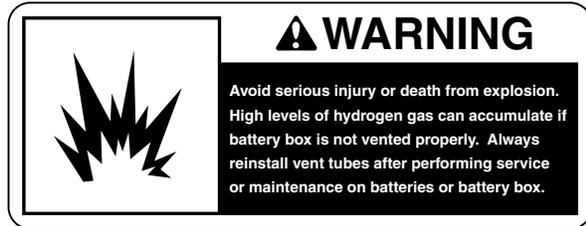
Decal A

SSH149099 —19—06APR05



Decal B

SSH209453 —19—06APR05



Decal C (S780 and S790)

SSH220610 —19—18MAY05

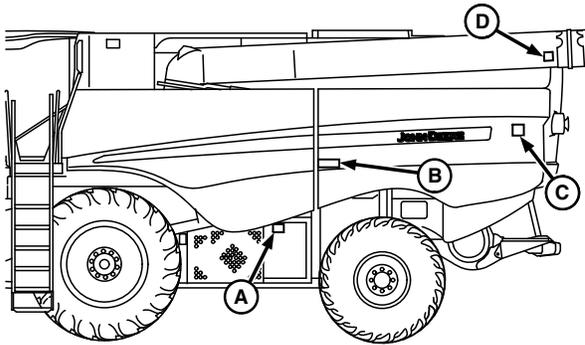


Decal D (Located on Starter)

SST146102 —19—24JUL13

OOU6075,000459B -19-03FEB17-1/1

Left-Hand View Decals Continued



H114387 —UN—08JUN15



! WARNING

Avoid serious injury from contact with hydraulic oil and gas under pressure.

Before removing hydraulic components, disassembling or changing accumulator:

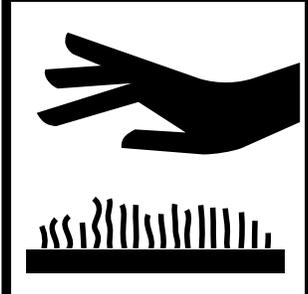
1. Relieve system hydraulic pressure. Refer to operator manual and repair manual for system information.
2. Stop engine and remove key.

Use only DRY NITROGEN for recharging accumulator. See your local John Deere dealer.

Decal A (S760 and S770) and Decal B (S780 and S790)

SSHXE28534 —19—04AUG10

! WARNING



Exhaust system components may be hot. To avoid severe burns, keep away from exhaust system components.

Decal C (Final Tier 4/Stage IV)

SSHXE69984 —19—01JUL13

! CAUTION

Avoid bodily injury from auger hinge componets.

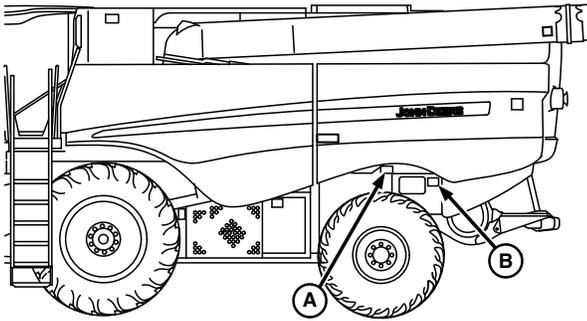
Keep hands away from pinch points when actuator is removed as unintended auger movement may occur.

Decal D

SSH226055 —19—12APR06

OQU6075.000459C -19-03FEB17-1/1

Left-Hand View Decals Continued



H114495 — UN — 08JUN15



Decal A



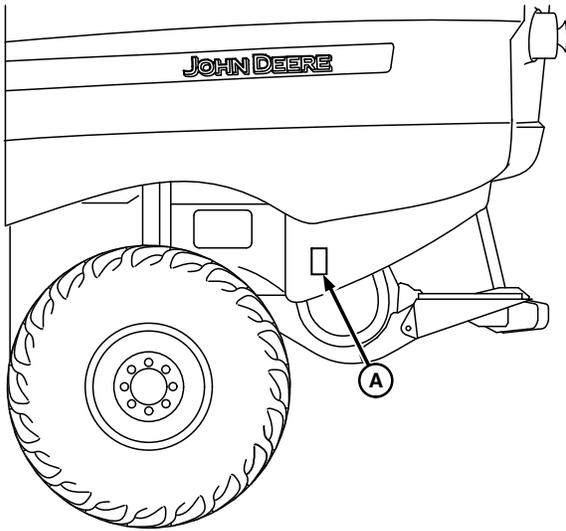
Decal B
(If Equipped With Air Compressor System)

OQO6075,000459D -19-03FEB17-1/1

SSHXE87383 — 19 — 20FEB15

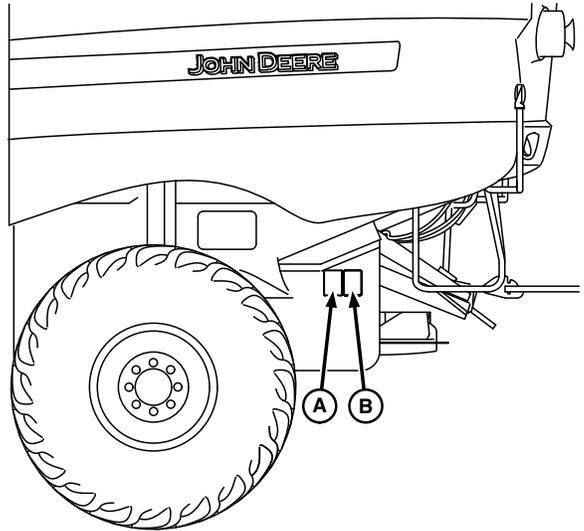
SSHXE86220 — 19 — 18MAR15

Left-Hand View Residue Decals



Chopper

H114388 —UN—08JUN15



Spreader

H114389 —UN—08JUN15



Decal A

SSH149096 —19—06APR05

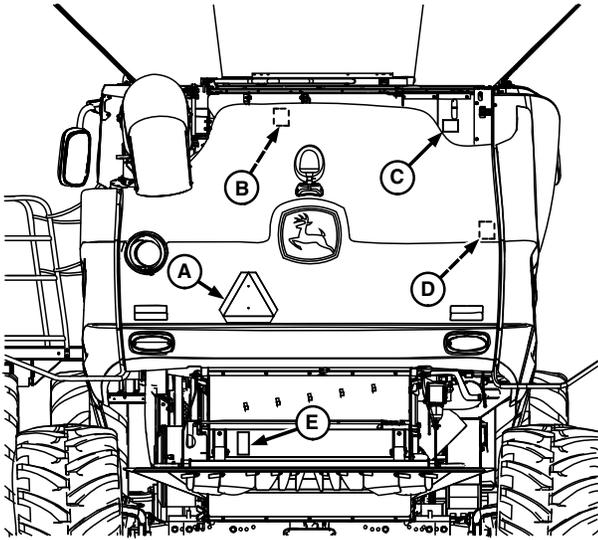


Decal B (Spreader Only)

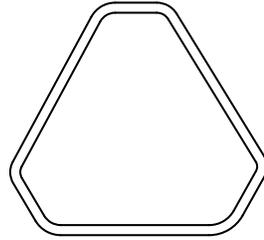
SSH210615 —19—06APR05

OUC6075.000459E -19-03FEB17-1/1

Rear View Decals and Engine View Decals



H108670 —UN—05AUG13



Decal A

H82954 —UN—06APR05



Decal B

SSH209451 —19—06APR05



Decal C

SSH169516REV1 —19—05JAN10



Decal D

SSH149064 —19—06APR05

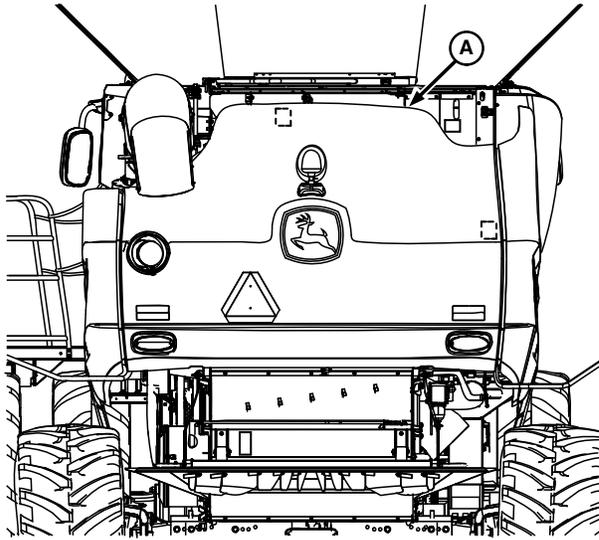


Decal E

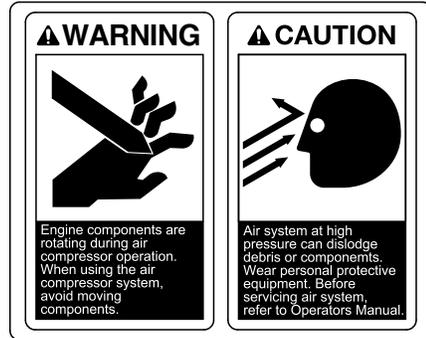
SSH149096 —19—06APR05

OOU6075.000459F -19-03FEB17-1/1

Rear View Decals and Engine View Decals Continued



H113144 —UN—19MAR15

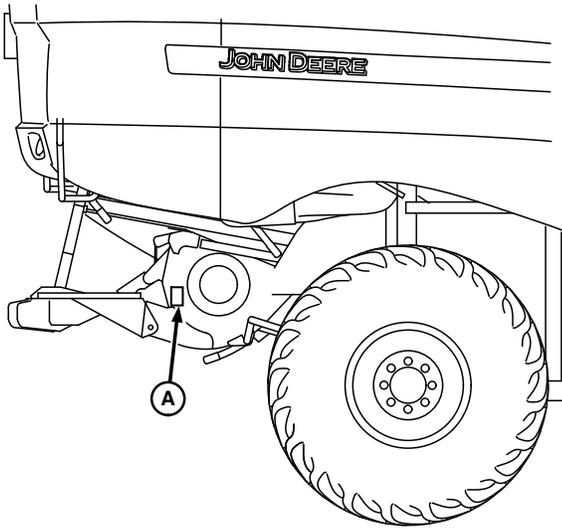


Decal A
(If Equipped With Air Compressor System)

SSHXE85220 —19—18MAR15

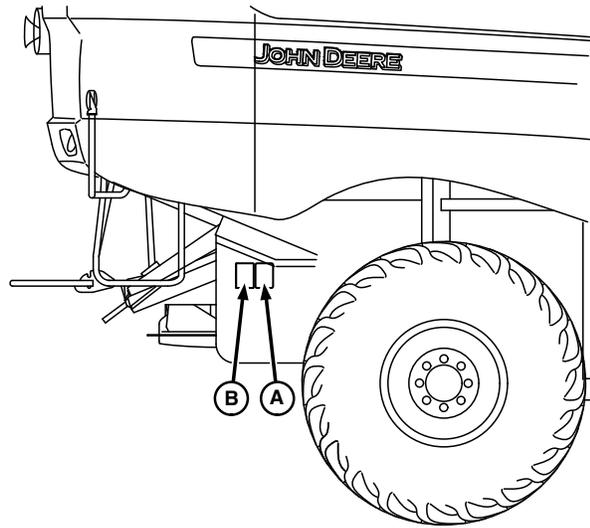
OOU6075.00045A0 -19-03FEB17-1/1

Right-Hand View Residue Decals



H114390 —UN—09JUN15

Chopper



H114475 —UN—08JUN15

Spreader



SSH149096 —19—06APR05

Decal A

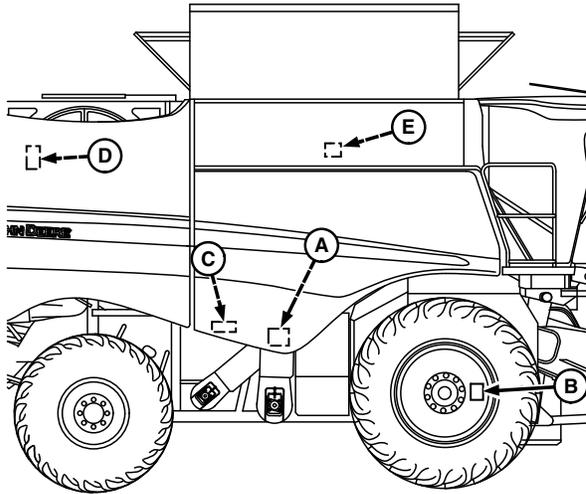


SSH210615 —19—06APR05

Decal B (Spreader Only)

OOU6075,00045A1 -19-03FEB17-1/1

Right-Hand View Decals



H114476—UN—08JUN15



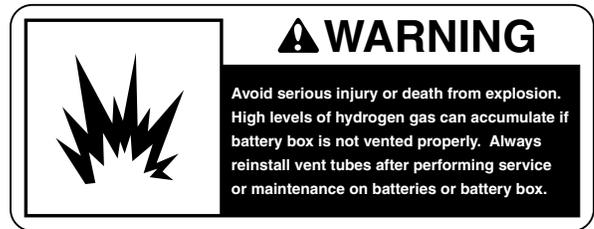
Decal A

SSH149099—19—06APR05



Decal B (Dual Wheel Only)

SSH158875—19—06APR05



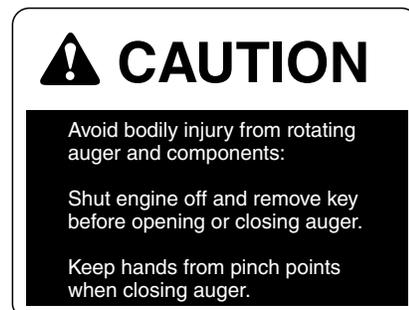
Decal C (S760 and S770)

SSH220610—19—18MAY05



Decal D

SSH149088—19—06APR05

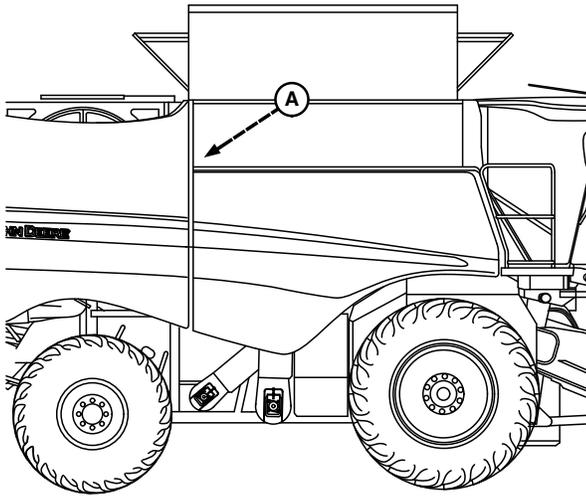


Decal E (Located on Auger Housing)

SSH151387—19—06APR05

OUC6075.00045A2 -19-03FEB17-1/1

Right-Hand View Decals Continued



H114477 —UN—08.JUN15



Decal A
(If Equipped With Air Compressor System)

SSHXE95272 —19—19MAR15

OOU6075,00045A3 -19-03FEB17-1/1

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