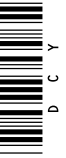


7455 Cotton Stripper

(Serial No. N07455X01400-)



D C Y

OPERATOR'S MANUAL 7455 Cotton Stripper OMN300182 Issue C3 (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.



0 M N 3 0 0 1 8 2 C 3

Introduction

Foreword



N42170HB -UN-05AUG96

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 machine when you sell it.

MEASUREMENTS in this manual are given in both metric and U.S. customary 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 direction of forward travel.

WRITE PRODUCT IDENTIFICATION NUMBERS (P.I.N.) in Specification or Identification Numbers section. Accurately record all numbers to help in tracing machine should it be stolen. Your dealer also

needs these numbers when you order parts. File identification numbers in a secure place off machine.

WARRANTY is provided as part of John Deere's support program for customers who operate and maintain their equipment as described in this manual. The warranty is explained on the warranty certificate which you should have received from your dealer.

This warranty provides you the assurance that John Deere will back its products where defects appear within the warranty period. In some circumstances, John Deere also provides field improvements, often without charge to the customer, even if the product is out of warranty. Should the equipment be abused, or modified to change its performance beyond the original factory specifications, the warranty will become void and field improvements may be denied. Setting fuel delivery above specifications or otherwise overpowering machines will result in such action.

THE TIRE MANUFACTURER'S warranty supplied with your machine may not apply outside the U.S.

Look For Supplemental Information

Occasionally new or revised information will become available after manuals are printed. To get this up-to-date information into your hands, publication supplements are prepared and supplied to the field in the machine literature package.

Supplements can be supplied in the following forms and are usually identified with one of these titles:

Direction(s) Sheet

Installation Instructions

Publications Supplement

Before your initial review of the Operator's Manual, look through the machine literature package to see if any supplemental information has been provided. If supplied, review this information to determine which operating procedures are impacted or modified by the revised instructions. Pay close attention to "CAUTION" and "IMPORTANT" statements as they address your safety, the safety of others and safe operation of the machine.

Operator's Manuals are revised annually, at which time the supplemental information is incorporated directly into the manual, thereby eliminating the supplement.

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A John Deere ILLUSTRATION® Manual

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Safety

Recognize Safety Information

This is a safety-alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating practices.



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

T81389 -UN-07DEC88

Understand Signal Words

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

DANGER or WARNING safety signs are located near specific hazards. General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.



▲ WARNING

▲ CAUTION

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

TS187 -19-30SEP88

Follow Safety Instructions

Carefully read all safety messages in this manual and on your machine safety signs. Keep safety signs in good condition. Replace missing or damaged safety signs. Be sure new equipment components and repair parts include the current safety signs. Replacement safety signs are available from your John Deere dealer.

Learn how to operate the machine and how to use controls properly. Do not let anyone operate without instruction.

Keep your machine in proper working condition. Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.

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



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

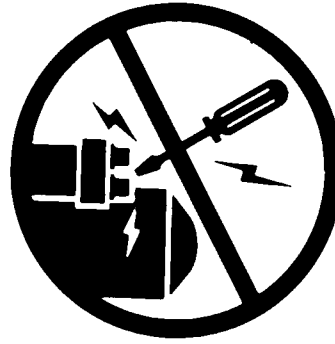
TS201 -UN-23AUG88

Prevent Machine Runaway

Avoid possible injury or death from machinery runaway.

Do not start engine by shorting across starter terminals. Machine will start in gear if normal circuitry is bypassed.

NEVER start engine while standing on ground. Start engine only from operator's seat, with transmission in neutral or park.



TS177 -UN-11JAN89

DX,BYPAS1 -19-29SEP98-1/1

Operate Safely

DO NOT operate stripper without reading this Operator's Manual.

DO NOT operate stripper unless you are completely familiar with your machine.

DO NOT operate stripper with more than one person (the operator) on the machine.

Come to a complete stop before reversing direction.

DO NOT operate close to a ditch or creek.

Slow down when turning.

Drive slowly over rough ground.

DO NOT unload on a slope or grade.

DO NOT unload near overhead wires.

DO NOT unload unless you are certain that no one is near basket, trailer, or module builder.

DO NOT drive the stripper with the basket raised.

Hydro lever MUST BE in neutral to start machine.

ALWAYS wear your seat belt.



M42176DA -UN-23MAY97

NXP,9976,C9 -19-18SEP97-1/1

Operate Cleaner Safely

Disengage auger and cleaner drives and shut off engine BEFORE unclogging machine.

Wear leather gloves and use grid bar “special tools” when replacing saw blades and adjusting grid bars. See Cleaner section.



NX,7445,C2 -19-16NOV99-1/1

TS676 -UN-21SEP89

STAY CLEAR OF ROTATING DRIVELINES

Entanglement in rotating drivelines can cause serious injury or death.

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

Wear close fitting clothing. Stop the engine and be sure drivelines have stopped before making adjustments, connections, or cleaning out shaft driven equipment.



AG,OUO1072,2 -19-24SEP99-1/1

TS198 -UN-23AUG88

Avoid Tip-Overs

Always use seat belt.

Avoid holes, ditches, and obstructions which may cause the machine to tip, especially on hillsides.

Never drive near the edge of a gully or steep embankment—it might cave in.

Slow down for hillsides, rough ground, and sharp turns.



NX,7445,C1A -19-16NOV99-1/1

N39064 -UN-30MAR89

USE HANDHOLDS AND STEPS

Falling is a major cause of personal injury.

When you get on and off machine, always maintain a three-point contact with steps and handrails and face the machine. Unfold and use handrails whenever you climb on top of the basket.

Never jump on or off machine. Never mount or dismount a moving machine.

Be careful of slippery conditions on platforms, steps and handrails when leaving machine.



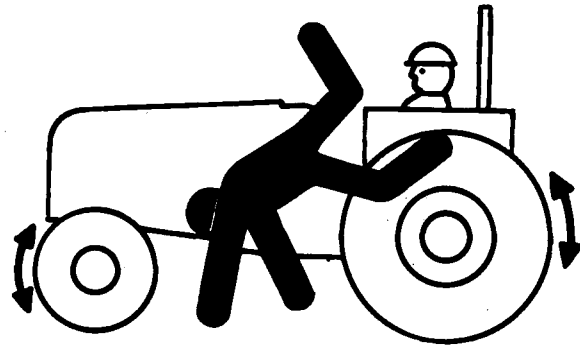
T6981AN -UN-15JUN89

AG.OUO1072,3 -19-24SEP99-1/1

Keep Riders Off Machine

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

Riders on machine are subject to injury such as being struck by foreign objects and being thrown off of the machine. Riders also obstruct the operator's view resulting in the machine being operated in an unsafe manner.



TS290 -UN-23AUG88

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

Handle Fuel Safely—Avoid Fires

Handle fuel with care: it is highly flammable. Do not refuel the machine while smoking or when near open flame or sparks.

Always stop engine before refueling machine. Fill fuel tank outdoors.

Prevent fires by keeping machine clean of accumulated trash, grease, and debris. Always clean up spilled fuel.



TS202 -UN-23AUG88

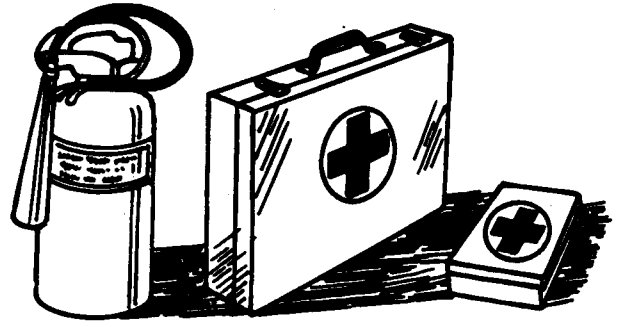
DX,FIRE1 -19-03MAR93-1/1

Prepare for Emergencies

Be prepared if a fire starts.

Keep a first aid kit and fire extinguisher handy.

Keep emergency numbers for doctors, ambulance service, hospital, and fire department near your telephone.



TS291 -UN-23AUG88

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

Avoid Fires

If cotton ignites in basket, DUMP cotton. DO NOT dump into wind. DO NOT attempt to extinguish burning cotton in basket.

To prevent plugging, engage fan before engaging stripping units.

Keep engine compartment free of trash and lint. Clean daily.

Rocks, wood or debris lodged in stripping units or between cleaner laydown bar and upper saw drum can cause sparks. Be alert and inspect frequently when operating in these conditions.

DO NOT dump basket near electrical wires.

DO NOT dump into the wind. Wind could blow lint onto a hot engine.

DO NOT re-fuel with engine running.

DO NOT smoke or use an open flame when re-fueling.

Keep engine, muffler, transmission, brakes and units free from trash.

Batteries produce explosive gas. Avoid sparks when using battery charger or booster battery.

DO NOT operate stripper without fire extinguisher nearby. Fire extinguishers and mounting brackets are available from your John Deere dealer.

Inspect bearings daily for signs of overheating or excessive looseness. Replace promptly.

Cotton Stripper Fire Safety video tape—order part number N201709.



TS227 -UN-23AUG88

NXC8,M64605,A1 -19-16NOV99-1/1

Mounting and Servicing Fire Extinguishers (Accessory)

DO NOT operate machine without one dry-type fire extinguisher mounted on left-hand side of the machine next to the engine side covers and one water-type fire extinguisher mounted on platform.

Read and follow instructions which are packaged with them. Extinguishers should be inspected at least every 200 hours of stripper operation or once a month. Keep a record of inspections on tag which comes with extinguisher instruction booklet.

Both wet- and dry-type fire extinguishers and brackets are available from your John Deere dealer.



N62037 -JUN-19MAR03

Left-Hand Side Of Machine Dry-Type



N51699 -JUN-23NOV99

Platform Mounted Wet-Type

AG,OUO1011,1814 -19-30NOV99-1/1

Battery Safety

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

Avoid the hazard by:

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

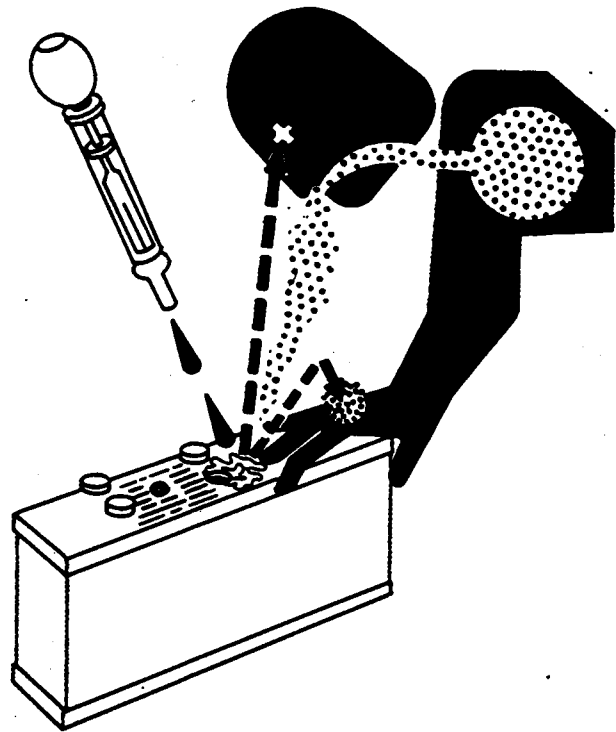
If you spill acid on yourself:

1. Flush your skin with water.
2. Apply baking soda or lime to help neutralize the acid.
3. Flush your eyes with water for 10-15 minutes. Get medical attention immediately.

If acid is swallowed:

1. Drink large amounts of water or milk.
2. Then drink milk of magnesia, beaten eggs, or vegetable oil.
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.**



TS203 -JUN-23AUG88

NXL,9960,C13BX -19-21MAR96-1/1

Protect Against Noise

Prolonged exposure to loud noise can cause impairment or loss of hearing.

Wear a suitable hearing protective device such as earmuffs or earplugs to protect against objectionable or uncomfortable loud noises.



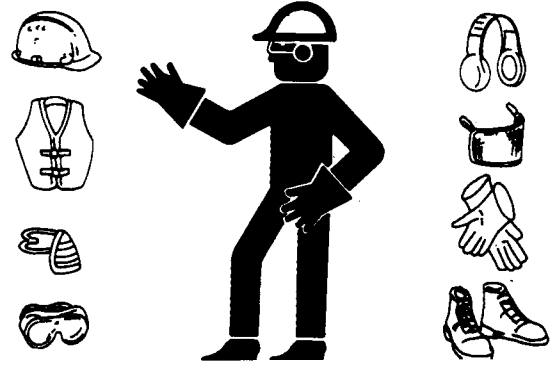
TS207 -JUN-23AUG88

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

Wear Protective Clothing

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

Operating equipment safely requires the full attention of the operator. Do not wear radio or music headphones while operating machine.



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

TS206 -UN-23AUG88

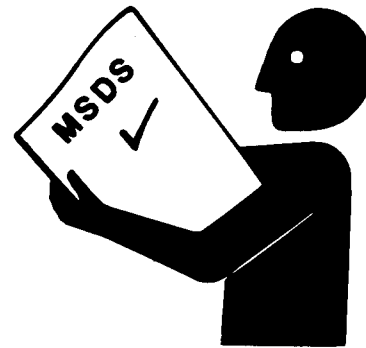
Handle Chemical Products Safely

Direct exposure to hazardous chemicals can cause serious injury. Potentially hazardous chemicals used with John Deere equipment include such items as lubricants, coolants, paints, and adhesives.

A Material Safety Data Sheet (MSDS) provides specific details on chemical products: physical and health hazards, safety procedures, and emergency response techniques.

Check the MSDS before you start any job using a hazardous chemical. That way you will know exactly what the risks are and how to do the job safely. Then follow procedures and recommended equipment.

(See your John Deere dealer for MSDS's on chemical products used with John Deere equipment.)



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

TS1132 -UN-26NOV90

Avoid Contact with Moving Parts

Shut off engine and remove key before unplugging machine.

Keep hands, feet, and clothing away from moving parts.

Never walk or stand on row units when engine is running.



TS676 -UN-21SEP89



TS256 -UN-23AUG88

NXLN,9976,C1N1 -19-17JUN97-1/1

Transport Safety



N42170JR -UN-13AUG96

DO NOT transport without first raising units. Engage cross auger cylinder safety stops.

When driving on a road or highway at night or during the day, use necessary lights and devices for adequate warning to operators of other vehicles. In this regard, check local governmental regulations. Various safety lights and devices are available from your John Deere dealer.

ALWAYS wear your seat belt.

Check clearance before driving under electric wires, bridges, or through doorways. Know the height and width of the stripper.

Fold radio antenna DOWN.

Latch the brakes together.

Stop slowly to avoid “nose-diving”.

Keep the SMV emblem and reflectors clean and in place.

Keep away from moving parts.

Know the transport height of your machine.

Know the transport width of your machine and check local regulations before transporting.

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.

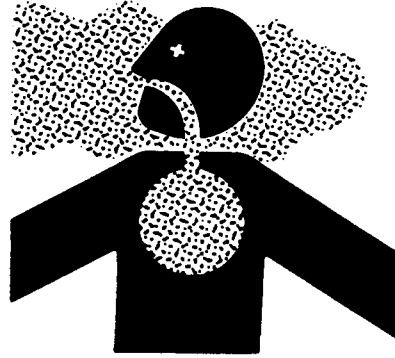
Remove paint before heating:

- Remove paint a minimum of 76 mm (3 in.) from area to be affected by heating.
- If you sand or grind paint, avoid breathing the dust. Wear an approved respirator.
- If you use solvent or paint stripper, remove stripper with soap and water before welding. Remove solvent or paint stripper containers and other flammable material from area. Allow fumes to disperse at least 15 minutes before welding or heating.

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

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

Dispose of paint and solvent properly.



TS220 -UN-23AUG88

DX,PAINT -19-19JUL01-1/1

Avoid Heating Near Pressurized Fluid Lines

Flammable spray can be generated by heating near pressurized fluid lines, resulting in severe burns to yourself and bystanders. Do not heat by welding, soldering, or using a torch near pressurized fluid lines or other flammable materials. Pressurized lines can be accidentally cut when heat goes beyond the immediate flame area.



TS953 -UN-15MAY90

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

Service Stripper Safely

Unauthorized modifications to stripper may impair function and/or safety and affect machine life.

Before working under units, fully extend cross auger cylinders and engage safety stops (A).

DO NOT lubricate or adjust stripper when in motion.

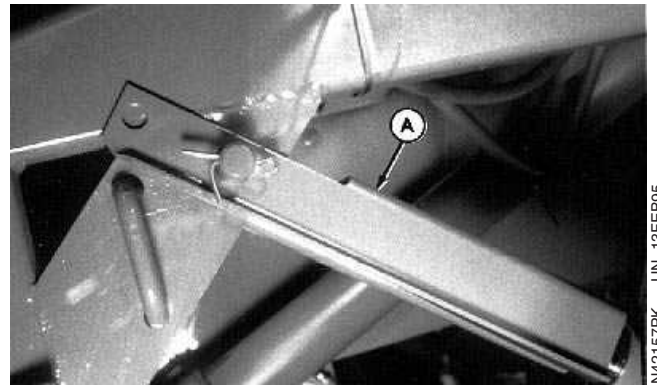
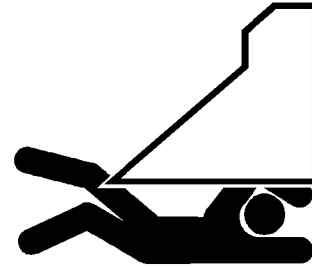
DO NOT check coolant level in a hot radiator by removing cap. Check overflow tank.

Shut off engine and remove key when working on stripper unless specifically instructed to leave engine running.

Replace any guards and shields removed for servicing.

DO NOT attempt to remove an obstruction unless:

- units are disengaged
- transmission lever is in neutral
- hydro lever is in neutral
- park brake is engaged
- ignition is off
- switch key is removed



A—Cylinder Safety Stop

N51100 -JUN-08SEP99

N42157PK -JUN-18FEB95

AG,OUO1011,1816 -19-30NOV99-1/1

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.



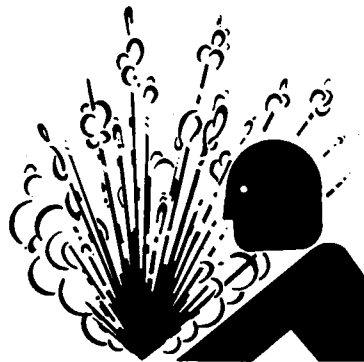
TS218 -JUN-23AUG88

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

Service Cooling System Safely

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

Shut off engine. Only remove filler cap when cool enough to touch with bare hands. Slowly loosen cap to first stop to relieve pressure before removing completely.



TS281 -JUN-23AUG88

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

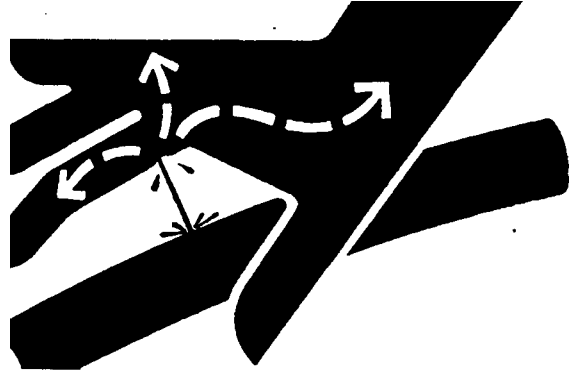
Avoid High-Pressure Fluids

Escaping fluid under pressure can penetrate the skin causing serious injury.

Avoid the hazard by relieving pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure.

Search for leaks with a piece of cardboard. Protect hands and body from high pressure fluids.

If an accident occurs, see a doctor immediately. Any fluid injected into the skin must be surgically removed within a few hours or gangrene may result. Doctors unfamiliar with this type of injury should reference a knowledgeable medical source. Such information is available from Deere & Company Medical Department in Moline, Illinois, U.S.A.



X9811 -UN-23AUG88

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

Check Hydraulic Hoses

Hydraulic hoses can fail due to physical damage, kinks, age, and exposure. Check hoses regularly. Replace damaged hoses.



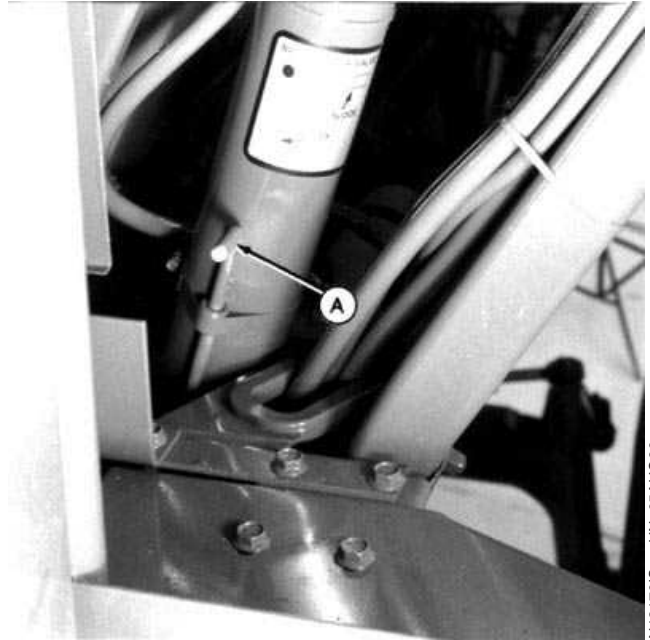
X9811 -UN-23AUG88

NXL,9930,HYD -19-30JAN96-1/1

Operate Basket Cylinder Lock Valve

When basket is raised, turn handle (A) to lock position BEFORE working under basket. When lowering basket, stand clear; then turn handle to unlock position. Basket will not lower unless valve is unlocked.

A—Basket Cylinder Lock Handle



N421701S -UN-05AUG96

AG.OUO1011,1817 -19-30NOV99-1/1

Safety Signs

Safety Signs



⚠ CAUTION

PREVENT MACHINE FIRE HAZARDS:

1. Keep engine compartment free of trash and lint. Clean daily.
2. Rocks, wood, or debris lodged in the stripping units or between the cleaner laydown bar and the upper saw drum can cause sparks. Be alert and inspect frequently when operating in these conditions.
3. Inspect cleaner bearings daily for signs of overheating or excessive looseness. Replace promptly.

⚠ WARNING



Disengage cleaner drive and shut off engine before unclogging machine.

⚠ WARNING



DO NOT GET UNDER BASKET WITHOUT LOCKING BASKET CYLINDER LOCK VALVE. STAND CLEAR WHILE UNLOCKING BASKET CYLINDER LOCK VALVE.

⚠ DANGER



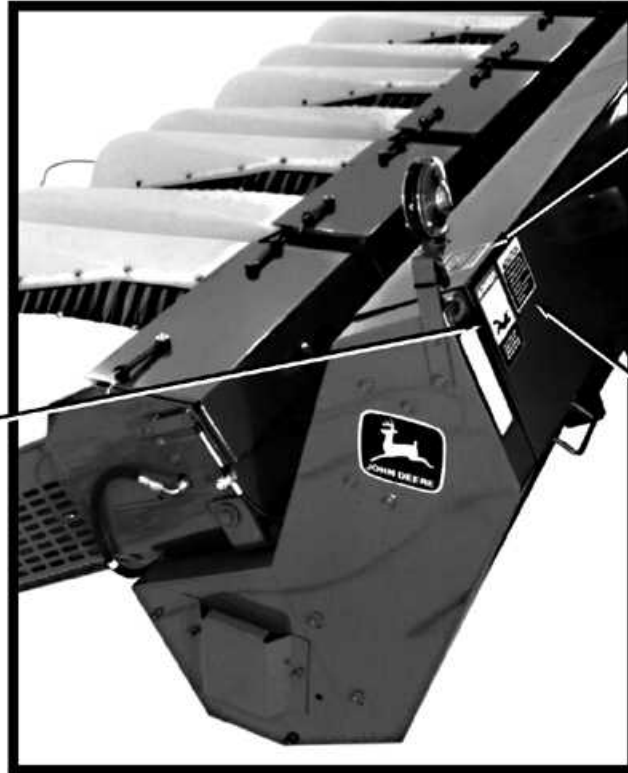
To avoid serious injury or death from entanglement, do not allow person(s) or clothing to be near auger when it is in motion.



⚠ DANGER



Set the safety stops located on the lift cylinders before getting under the units.



⚠ WARNING

To avoid bodily injury from contact with moving parts never walk or stand on row units when engine is running.

⚠ CAUTION

1. Keep all shields in place.
2. Disengage and shut off all engine and/or motor power before servicing or unclogging machine.
3. Keep hands, feet and clothing away from power driven parts.

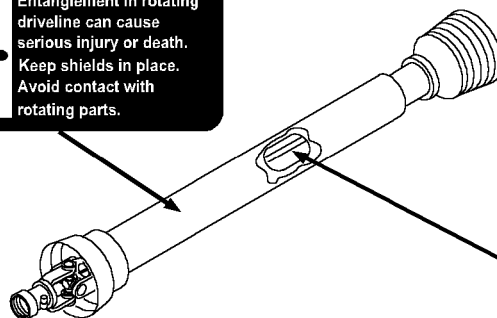
DL

N421710X -19-11DEC96

⚠ DANGER



Entanglement in rotating driveline can cause serious injury or death. Keep shields in place. Avoid contact with rotating parts.



⚠ DANGER



GUARD MISSING
DO NOT OPERATE

⚠ DANGER



GUARD MISSING
DO NOT OPERATE

⚠ DANGER

N51103 -19-08SEP99

Continued on next page

NXC8,M64610,SS1 -19-13FEB98-2/6

CAUTION



USE SEAT BELT

• Pull belt fully from retractor and adjust for best protection.

CAUTION

1. Reduce engine speed before turning quickly or applying brakes.
2. Uneven application of brakes will draw picker to one side. Apply brakes evenly at transport speeds.
3. "Quick" stops can result in machine nosing forward. Drive with the care necessary to allow controlled application of brakes at all times.



DANGER



To avoid injury or death do not contact electrical lines when moving or operating this machine.



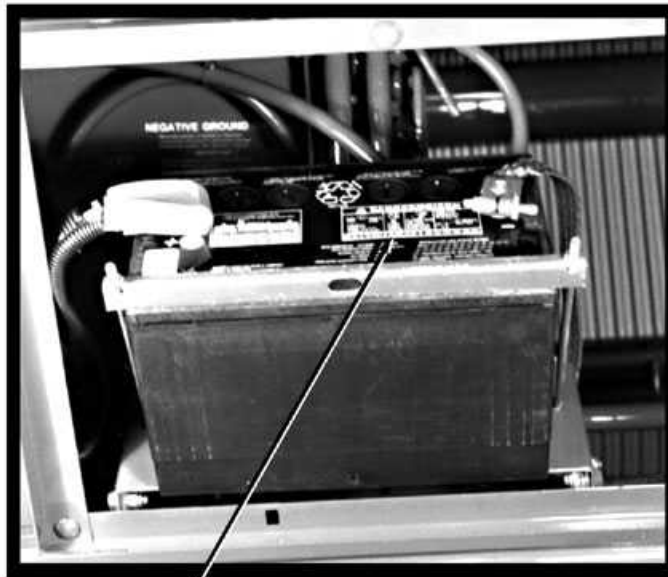
WARNING

Do not turn with basket raised.
Do not dump basket toward a down slope.

N42169CS -19-19AUG96

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NXC8,M64610,SS1 -19-13FEB98-3/6



⚠ DANGER/POISON

 SHIELD EYES	 NO -SPARKS -FLAMES -SMOKING	 SULFURIC ACID CAN CAUSE BLINDNESS OR SEVERE BURNS	FLUSH EYES IMMEDIATELY WITH WATER GET MEDICAL HELP FAST
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KEEP OUT OF REACH OF CHILDREN. DO NOT TIP. KEEP VENT CAPS TIGHT AND LEVEL.

N42171PG -19-30DEC96

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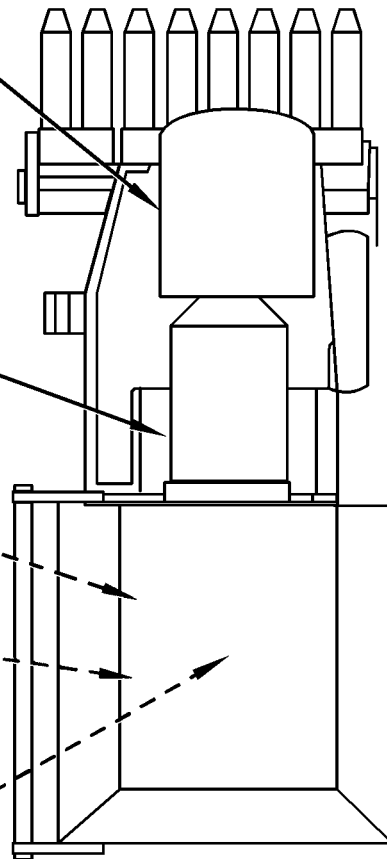
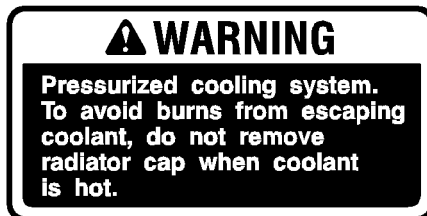
NXC8,M64610,SS1 -19-13FEB98-4/6



N42179DJ -19-21MAR97

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NXC8,M64610,SS1 -19-13FEB98-5/6



N42182WA -19-03FEB98

NXC8,M64610,SS1 -19-13FEB98-6/6

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