



9935 Cotton Picker



JOHN DEERE

OPERATORS MANUAL 9935 Cotton Picker

OMN200530 Issue B8 English

John Deere Des Moines Works

OMN200530 Issue B8

(This manual replaces OMN200530 G7)

LITHO IN U.S.A.
ENGLISH



Introduction

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 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 the direction of forward travel.

WRITE PRODUCT IDENTIFICATION NUMBERS (P.I.N.) in the Specification or Identification Numbers section. Accurately record all the numbers to help in tracing the machine should it be stolen. Your dealer also needs these numbers when you order parts. File

the identification numbers in a secure place off the machine.

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

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

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

CALIFORNIA PROPOSITION 65 WARNING

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.



N42178YC
-UN-07JUL97

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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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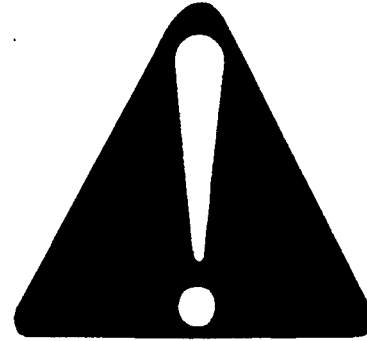
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Safety

RECOGNIZE SAFETY INFORMATION

This is the 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 -19-03MAR93

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.



DX,SIGNAL -19-03MAR93

TS187 -19-30SEP88

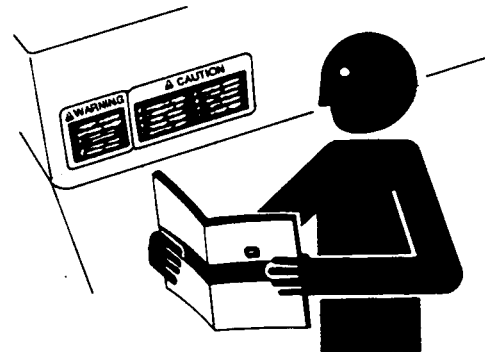
FOLLOW SAFETY INSTRUCTIONS

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

TS201 -UN-23AUG88

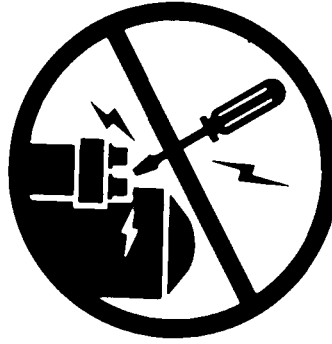


PREVENT MACHINE RUNAWAY

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.



DX,BYPAS1 -19-03MAR93

TS177 -JUN-11JAN89

OPERATE SAFELY

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

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

DO NOT operate picker 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 dump on a slope or grade.

DO NOT dump near overhead wires.

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

DO NOT drive the machine with the basket raised.

DO NOT enter basket with conveyor operating.

Always wear your seat belt.

NXL_9935,C9 -19-21OCT96

AVOID TIP-OVERS

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.

DO NOT turn with basket raised.

DO NOT dump basket toward a down slope.

(If equipped) Be sure fluid filled tires are properly filled.



N39084 -JUN-30MAR89

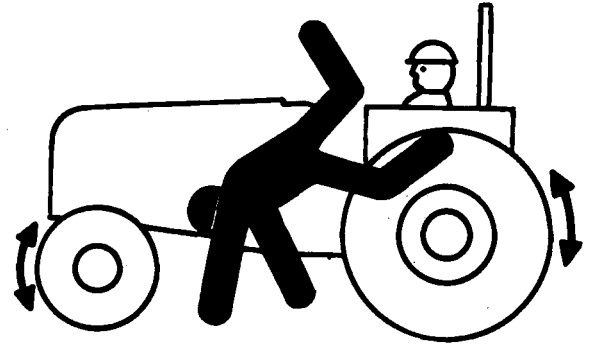
NX,OM9935,SF2A -19-27AUG96



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.



DX,RIDER -19-03MAR93

TS290 -UN-23AUG88

HANDLE FUEL SAFELY—AVOID FIRES

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

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

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



DX,FIRE1 -19-03MAR93

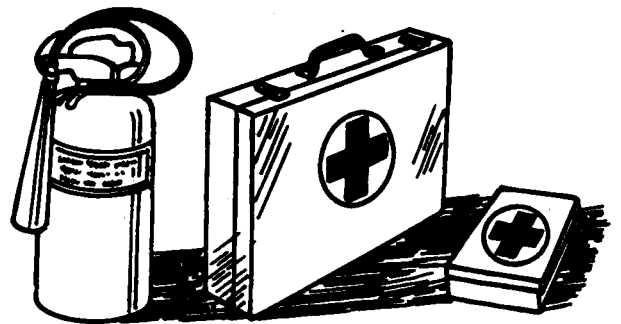
TS202 -UN-23AUG88

PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

Keep a first aid kit and fire extinguisher handy.

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



DX,FIRE2 -19-03MAR93

TS291 -UN-23AUG88



AVOID FIRES

To prevent plugging, engage fan before engaging picking units.

DO NOT dump basket near electrical wires.

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

DO NOT refuel with the engine running.

DO NOT smoke or use a lantern when refueling.

Keep the engine, muffler, and units, free from trash.

In case cotton ignites in basket, DUMP cotton immediately. DO NOT attempt to extinguish burning cotton in basket.

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

NXB,OM993505,HF-19-11NOV97



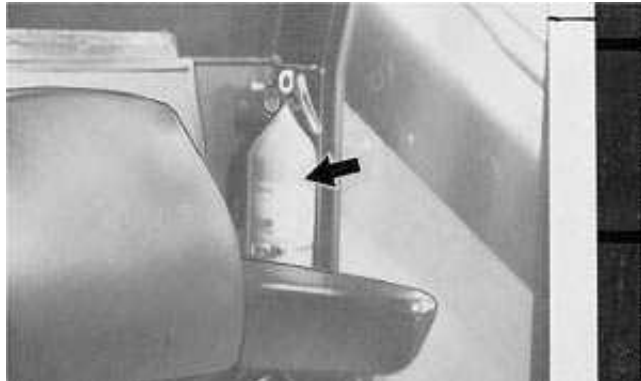
MOUNTING AND SERVICING FIRE EXTINGUISHERS

Fire extinguishers are available from your John Deere dealer.

Cab Mounted—Mount bracket on the cab left-hand rear inside corner support and install extinguisher on bracket.

Rear Mounted—Mount bracket on rear side panel. Install extinguisher on bracket.

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



Cab Mounted



Rear Mounted

N36039 -UN-07OCT88

N42174DW -UN-26DEC96

NXB,OM993505,1 -19-30OCT97



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:

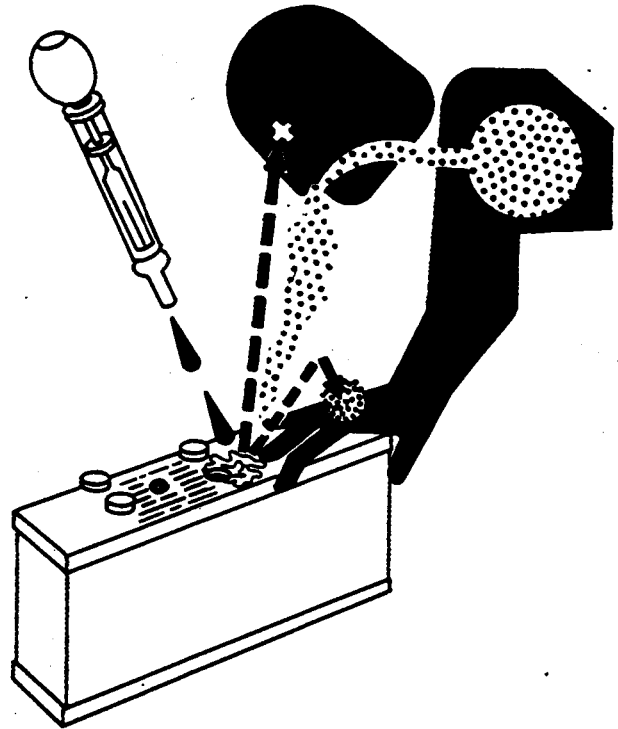
1. Filling batteries in a well-ventilated area.
2. Wearing eye protection and rubber gloves.
3. Avoiding breathing fumes when electrolyte is added.
4. Avoiding spilling or dripping electrolyte.
5. Using proper jump start procedure.

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.



-UN-23AUG88

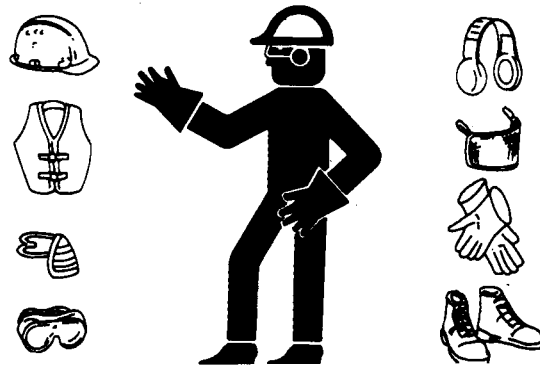
TS203

NXL_9960,C13BX -19-21MAR96

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.



-UN-23AUG88

TS206

DX.WEAR2 -19-03MAR93



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.



DX,NOISE -19-03MAR93

TS207 -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

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.



N42166MP -UN-16APR96



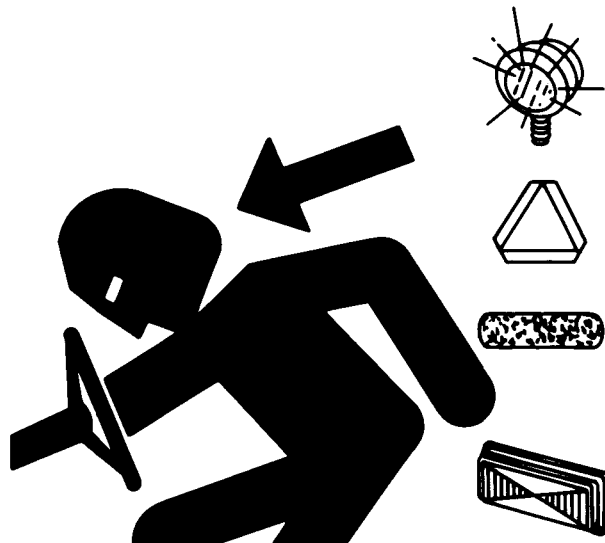
N42153B -UN-16FEB94

NX,OM9935,SF3A -19-08MAY97

USE SAFETY LIGHTS AND DEVICES

Prevent collisions between other road users, slow moving tractors with attachments or towed equipment, and self-propelled machines on public roads. Frequently check for traffic from the rear, especially in turns, and use hand signals or turn signal lights.

Use headlights, flashing warning lights, and turn signals day and night. Follow local regulations for equipment lighting and marking. Keep lighting and marking visible and in good working order. Replace or repair lighting and marking that has been damaged or lost. An implement safety lighting kit is available from your John Deere dealer.



TS951 -UN-12APR90

DX,FLASH -19-12SEP95



TRANSPORT SAFELY

DO NOT transport without first raising the picking units. Lower picking unit lock-up brackets.

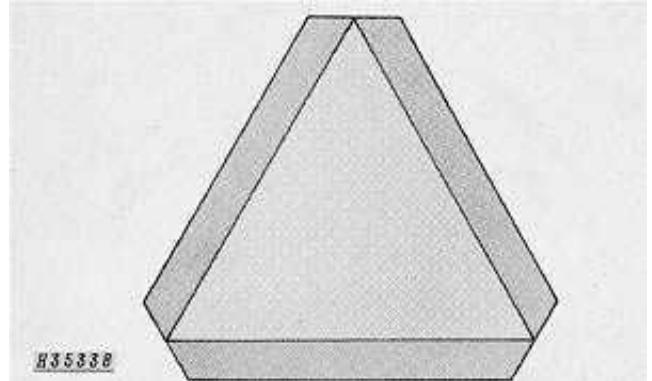
Know the height and width of your machine and beware of overhead wires and obstacles. Check your local and state government regulations regarding height and width restrictions before transporting machine on public roads.

Latch brakes together.

Stop slowly to avoid “nose-diving.”

Keep the SMV emblem and reflectors clean and in place.

Always disengage picking units before road transport. Transporting with units engaged will cause machine to stop if operator leaves seat for more than 5 seconds.



H35338 -UN-02FEB89



N42153A -UN-16FEB94

NXB8,M993505,TS-19-20JAN98



SAFE MAINTENANCE

Shut off engine and remove key when working on machine unless specifically told to leave engine running.

Before getting under picking units, raise units, shut off engine, set brakes, and set safety stops on both lift cylinder rods.

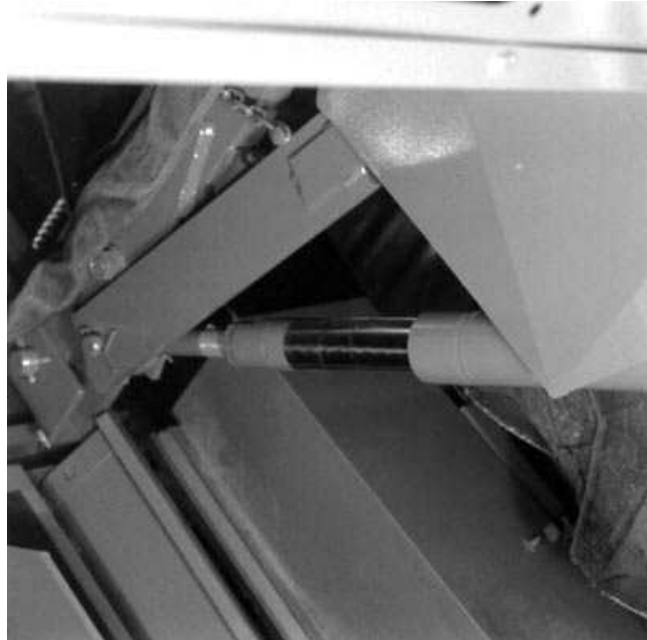
When basket is in the raised position, engage basket cylinder lock valve (A) to lock BEFORE working under the basket. When lowering basket, stand clear; then turn valve to unlock. Basket will not lower unless valve is unlocked.

DO NOT oil or adjust machine when it is in motion.

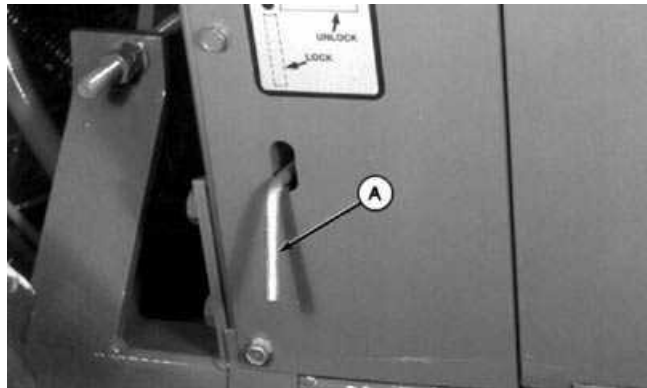
DO NOT loosen radiator cap on a hot radiator.

Replace any guards or shields removed for servicing.

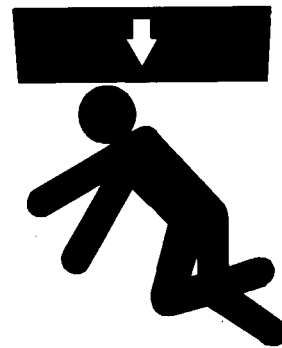
Unauthorized modification to the machine may impair the function and/or safety and affect machine life.



N42174PB -UN-09JAN97



N42170YM -UN-26DEC96



-UN-16FEB94

N42153C

NX_OM9935,SF6A1-19-14JAN97



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.

Disconnect battery ground cable (-) before making adjustments on electrical systems or welding on machine.



DX,SERV -19-03MAR93

TS218 -UN-23AUG88

REMOVE PAINT BEFORE WELDING OR HEATING

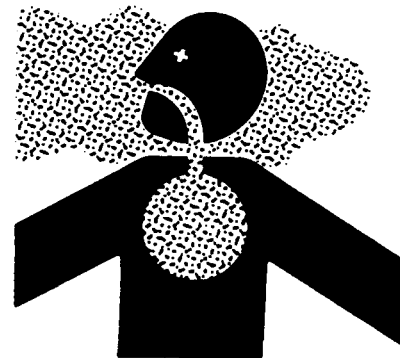
Avoid potentially toxic fumes and dust.

Hazardous fumes can be generated when paint is heated by welding, soldering, or using a torch.

Do all work outside or in a well ventilated area. Dispose of paint and solvent properly.

Remove paint before welding or heating:

- If you sand or grind paint, avoid breathing the dust. Wear an approved respirator.
- If you use solvent or paint stripper, remove stripper with soap and water before welding. Remove solvent or paint stripper containers and other flammable material from area. Allow fumes to disperse at least 15 minutes before welding or heating.



DX,PAINT -19-03MAR93

TS220 -UN-23AUG88



AVOID HEATING NEAR PRESSURIZED FLUID LINES

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



DX,TORCH -19-03MAR93

TS953 -JUN-15MAY90

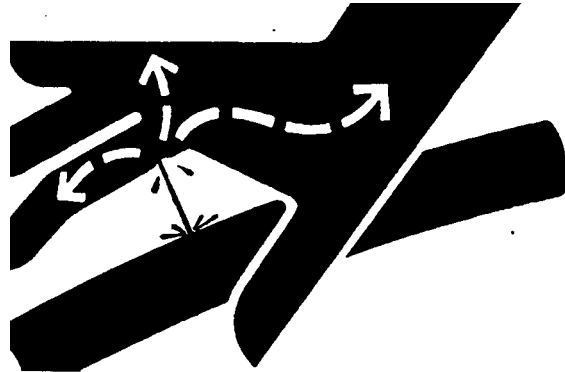
AVOID HIGH-PRESSURE FLUIDS

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

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

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

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



DX,FLUID -19-03MAR93

X9811 -JUN-23AUG88

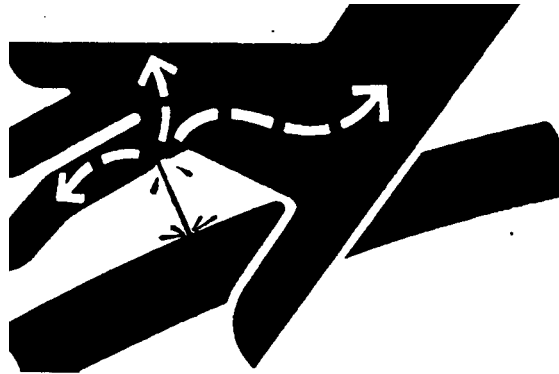


CHECK HYDRAULIC HOSES

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

Escaping fluid under pressure can penetrate the skin causing serious injury to you or others. 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 can result. Doctors unfamiliar with this type of injury should reference a knowledgeable medical source. Such information is available from Deere and Company Medical Department in Moline, Illinois, U.S.A.



NXN,9930,HYD -19-02DEC97

-UN-23AUG88

X9811

DISPOSE OF WASTE PROPERLY

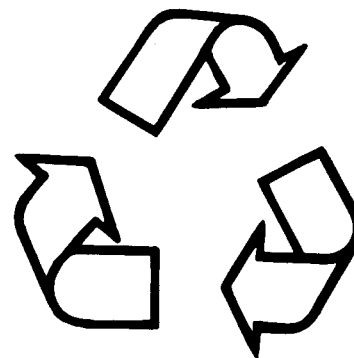
Improperly disposing of waste can threaten the environment and ecology. Potentially harmful waste used with John Deere equipment include such items as oil, fuel, coolant, brake fluid, filters, and batteries.

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.



DX,DRAIN -19-03MAR93

-UN-26NOV90

TS1133



REPLACE SAFETY SIGNS

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



DX,SIGNS1 -19-04JUN90

TS201 -JUN-23AUG88

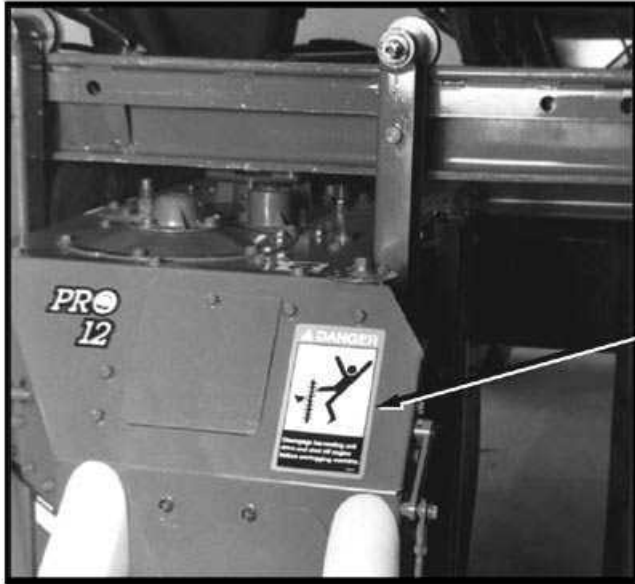
Safety Signs

SAFETY SIGNS



N42169CS -19-19AUG96

NXB,OM993510,1 -19-02DEC97



N421780K -19-13MAY97

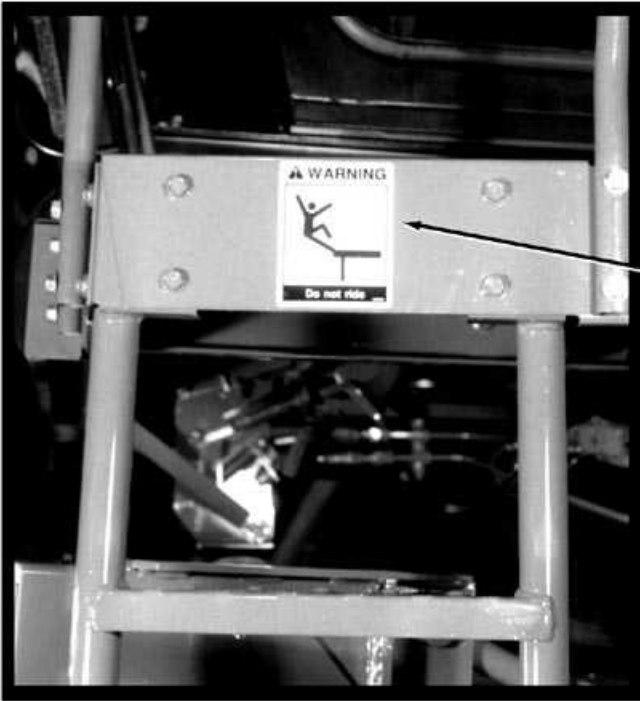
NX,OM530,SFB -19-08MAY97

Safety Signs



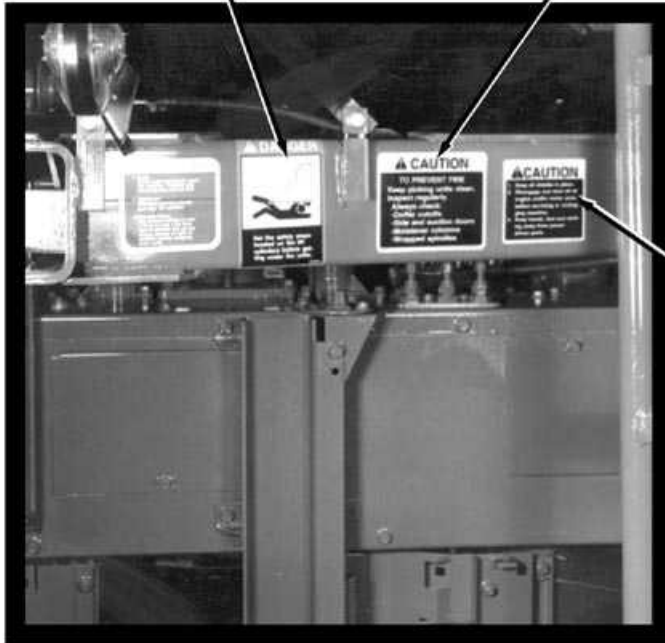
N42174MG -19-03JAN97

NX,OM530,SFC -19-10JAN97



N421760E -19-12FEB98

NXB,OM993510.2 -19-12FEB98



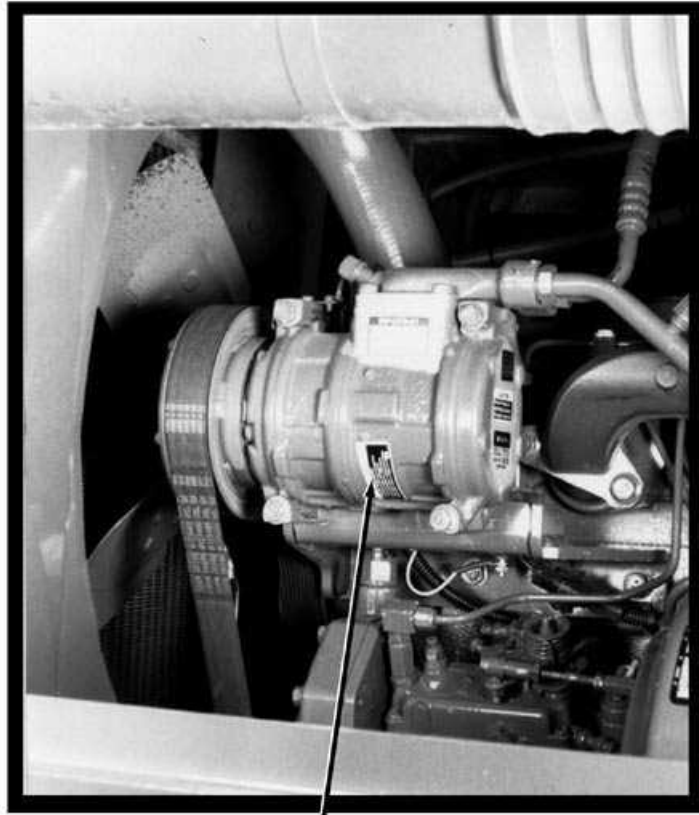
N42186NJ -19-20JAN98

NXE8,M53010,SFE-19-02DEC97



N42174MK -19-03JAN97

NX,OM530,SFG -19-10JAN97



⚠ CAUTION
Refrigerant under pressure. Improper servicing may cause refrigerant to penetrate eyes and skin or cause burns. Wear goggles and protect skin. For use with R134a refrigerant only.

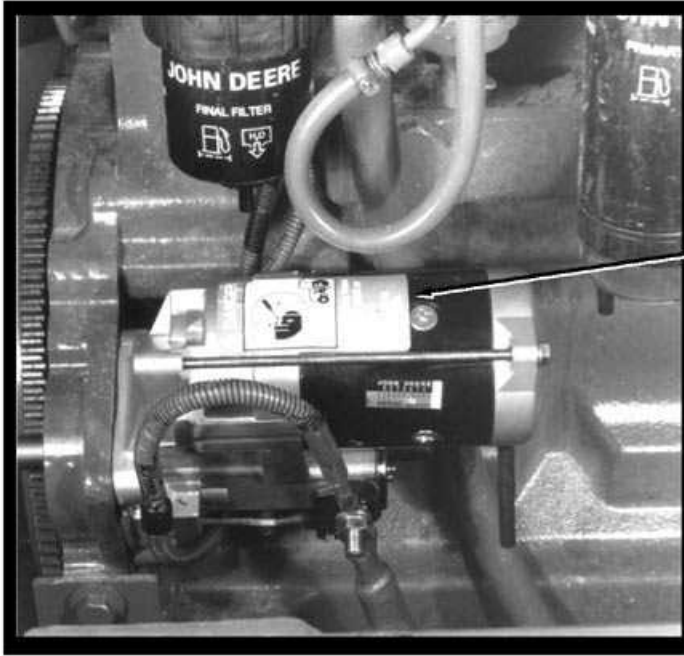
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NXB,OM993510,3 -19-30OCT97



N42178WG -19-18JUN97

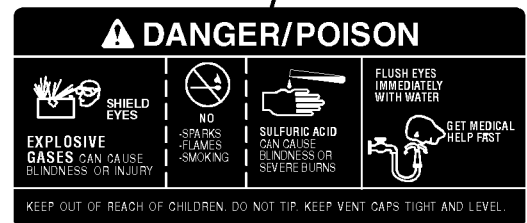
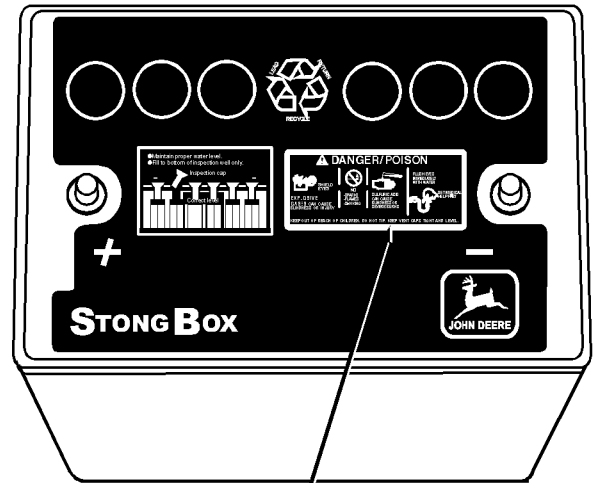
NXN,OM530,SFI -19-17JUN97



-19-10JAN97

N421740J

NX,OM530,SFJ -19-10JAN97



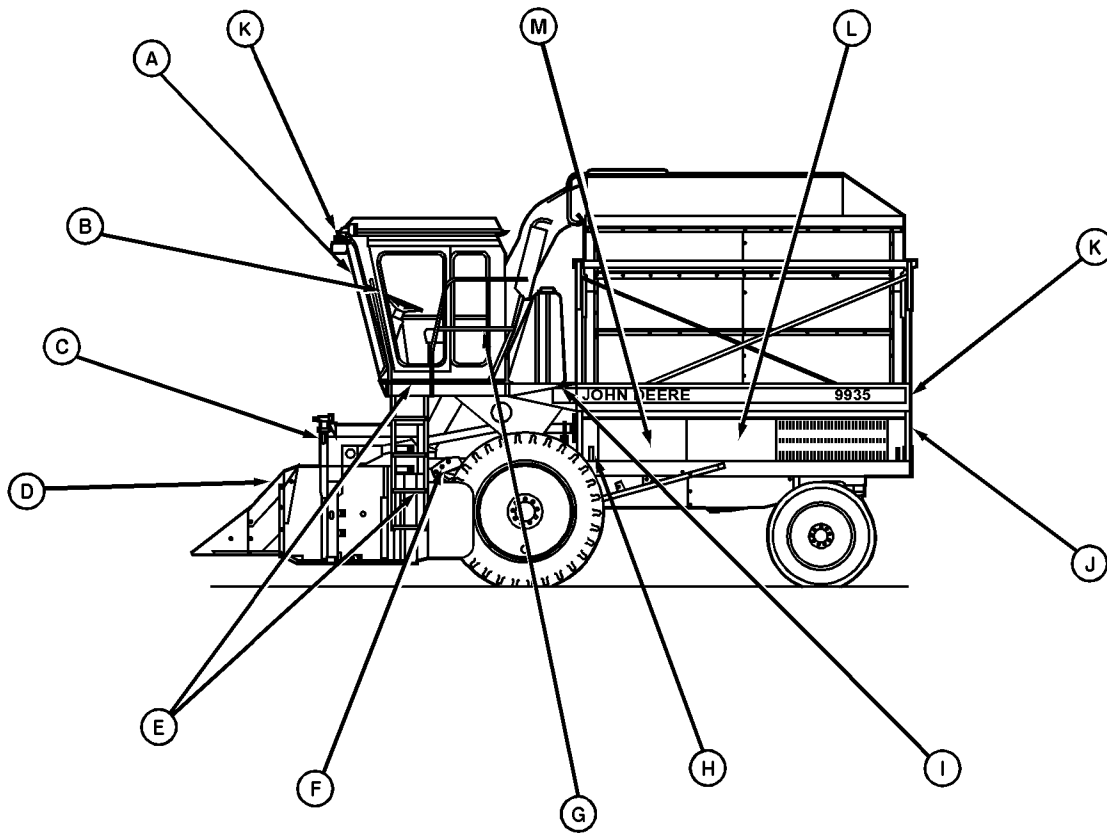
-19-18JUN97

N42176FC

NXB,OM993510,BT-19-11NOV97

Safety Features

SAFETY FEATURES



N42186MZ -UN-06NOV97

NXB,OM993515,S1-19-11NOV97

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