

**9930**  
**Cotton Picker**  
(PIN:N09930X014001- )

**John Deere Des Moines Works**  
**OMN200310 Issue D4**  
(Mark old manual OMN200310 C2 for  
machines up to Serial No. N09930X014000- )

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 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 the implement will travel when going forward.

WRITE PRODUCT IDENTIFICATION NUMBERS (P.I.N.) in the Specification 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 applicable to your machine may not apply outside the U.S.



N8630302 -UN-27SEP88

NX,9930,3 -19-13FEB92

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*Contents*

# 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-07DEC68

## 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

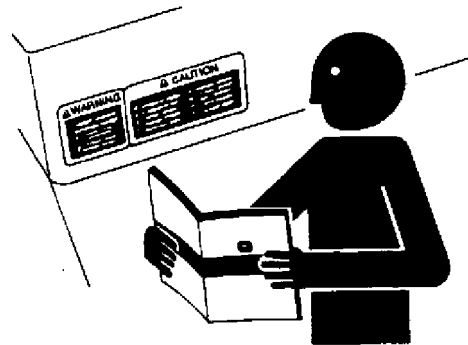
## FOLLOW SAFETY INSTRUCTIONS

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

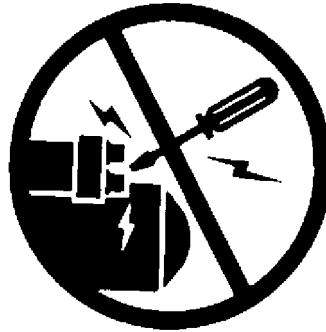


## PREVENT MACHINE RUNAWAY

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 -UN-11JAN89

## OPERATE SAFELY

Do not operate with more than one person in cab.

Do not start engine with gears or levers engaged.

Come to a complete stop before reversing direction.

Be sure area behind picker is clear before backing up.

Do not dump or lower basket or lid when someone is near picker.

Do not operate close to a ditch or creek.

Drive slowly over rough ground.

Do not dump on a slope or grade.

Do not dump near overhead wires.

Do not drive picker with basket raised.

Do not overload basket.

Slow down when turning.



N8630301 -UN-27SEP88

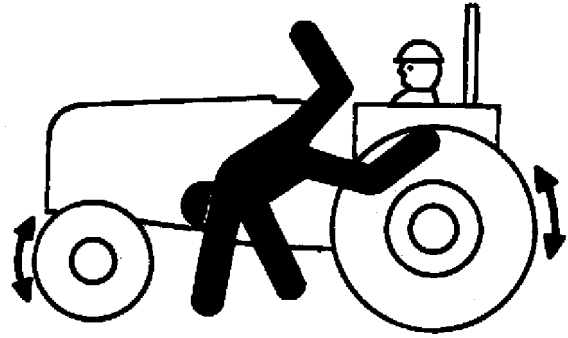
NX,9930,C1 -19-28FEB94



## 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-23AUG68

## AVOID TIP-OVERS

Use a seat belt under almost all operating conditions.

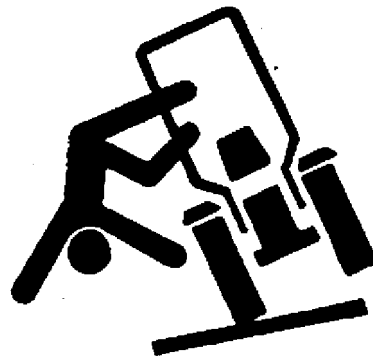
Avoid holes, ditches, and obstructions which may cause the machine to tip, especially on hillsides.

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.



NX.9930,C2 -19-16FEB94

N39084  
-UN-30MAR89



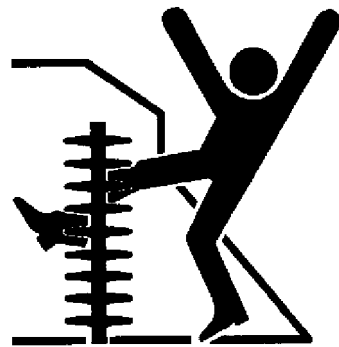
## AVOID CONTACT WITH MOVING PARTS

Shut off engine and remove key before unplugging picker.

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



N62334K2 -UN-05OCT88



N42153B -UN-16FEB94

NX.9930.C3 -19-16FEB94

## 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

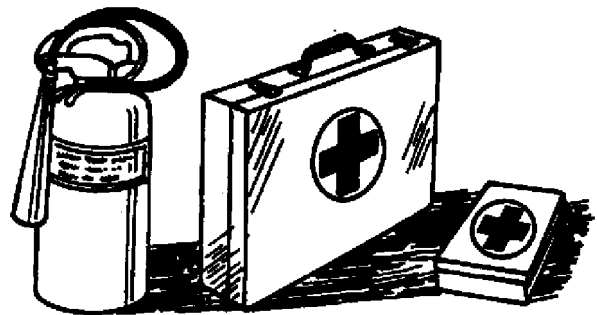
DX,FIRE1 -19-03MAR93

## 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



## 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.



DX,FIRE3 -19-16APR92

TS1356 -UN-18MAR92



## AVOID FIRES

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

DO NOT operate picker without two fire extinguishers near by. Fire extinguishers and mounting brackets are available. Order AT81764, T80932, and AT75387 from your John Deere dealer.

To prevent plugging, engage fan before engaging picking units.

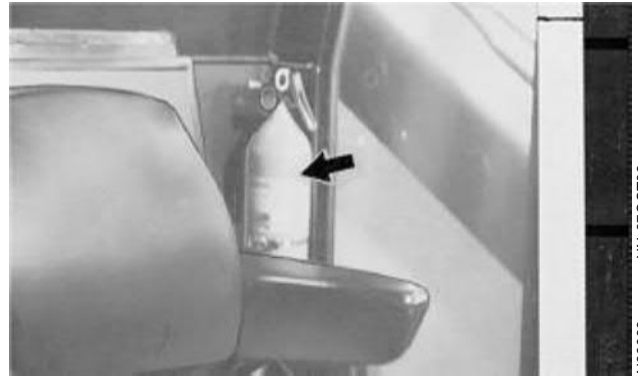
DO NOT dump basket near electrical wires.

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

DO NOT refuel with the engine running.

DO NOT smoke or use a lantern when refueling.

Keep units free from trash.



Cab Mounted

N36039 -UN-07OCT88



Chassis Mounted

N82340J1 -UN-30SEP88



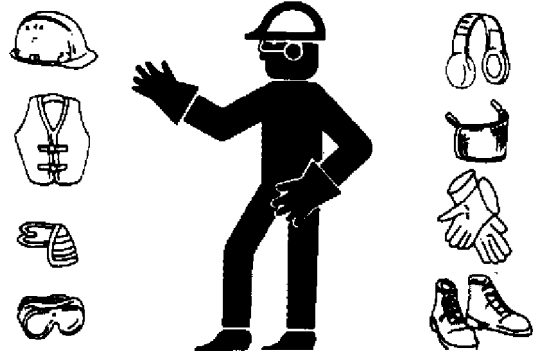
TS227 -UN-23AUG88

NX.9930,C4 -19-16FEB94

## 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

TS206 -UN-23AUG88



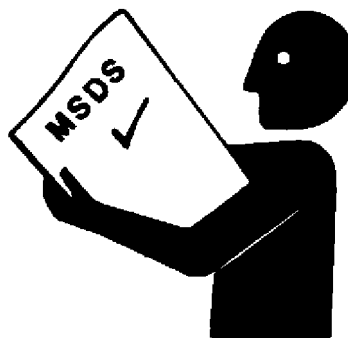
## HANDLE CHEMICAL PRODUCTS SAFELY

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

TS1132 -UN-26NOV90

## 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



## TRANSPORT SAFELY

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

Know the height of your picker and beware of overhead wires and obstacles.

Remove or lower radio antenna, if equipped.

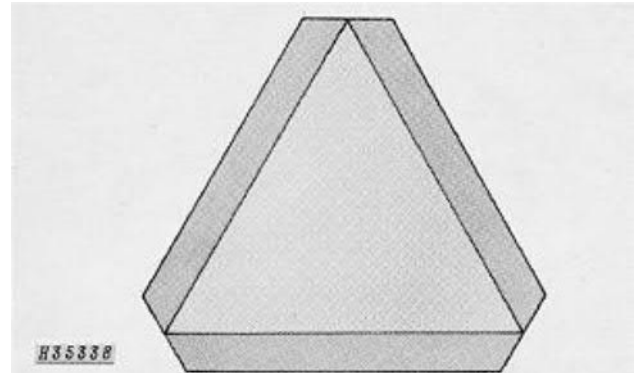
Latch brakes together.

Stop slowly to avoid “nose-diving”.

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

Keep the SMV emblem and reflectors clean and in place.

Always disengage picker 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

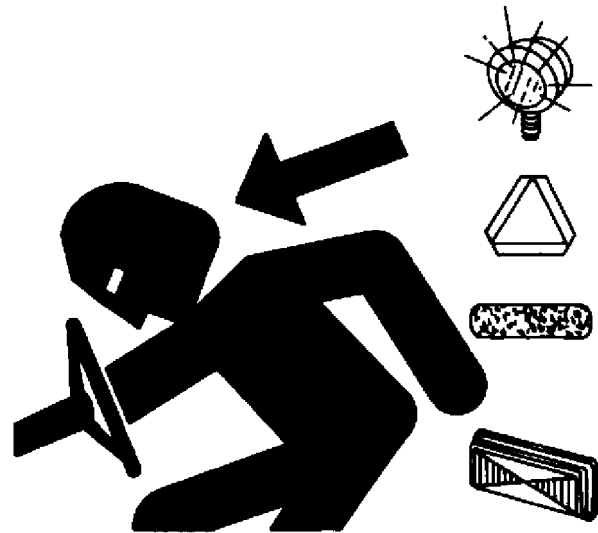
NX,9930,C5X -19-16FEB94

## USE SAFETY LIGHTS AND DEVICES

Slow moving tractors, self-propelled equipment and towed implements or attachments can create a hazard when driven on public roads. They are difficult to see, especially at night. Avoid personal injury or death resulting from collision with a vehicle.

Whenever driving on public roads, use flashing warning lights and turn signal according to local regulation. To increase visibility, use the lights and devices provided with your machine. For some equipment, install extra flashing warning lights.

Keep safety items in good condition. Replace missing or damaged items. An implement safety lighting kit is available from your John Deere dealer.



TS951 -UN-12APR90

DX,FLASH -19-15MAR93



## SAFE MAINTENANCE

Shut off engine and remove key when working on picker 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 (bold arrow).

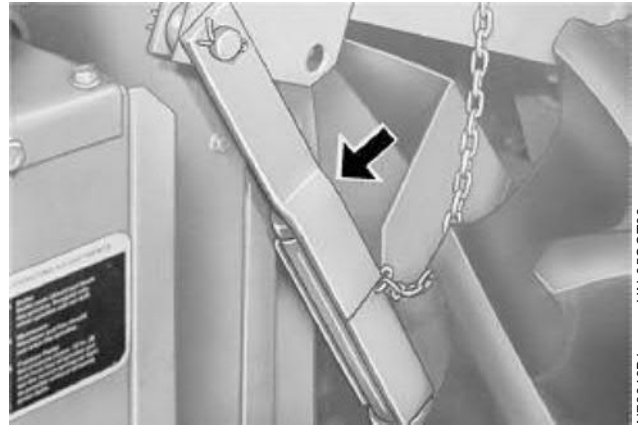
When basket is in the raised position, engage basket cylinder lock valve (A) to lock BEFORE working under the basket. When lowering basket, stand clear; then turn valve to unlock. Basket will not lower unless valve is unlocked.

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

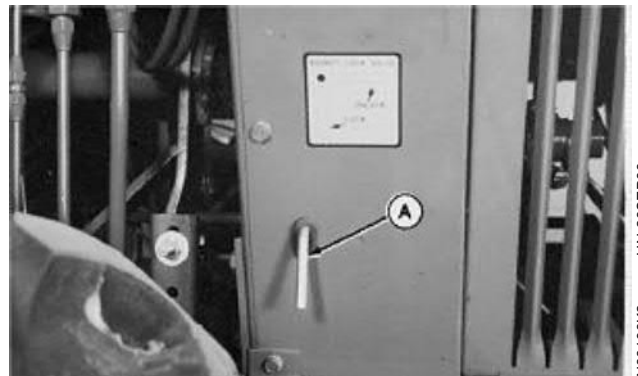
DO NOT loosen radiator cap on a hot radiator.

Replace any guards or shields removed for servicing.

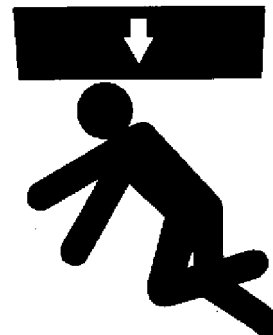
Unauthorized modification to the machine may impair the function and/or safety and affect machine life.



N78346B1 -UN-05OCT88



N86198K2 -UN-28SEP88



N42153C -UN-16FEB94

NX.9930,C6 -19-16FEB94



## 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

-UN-23AUG88  
TS218

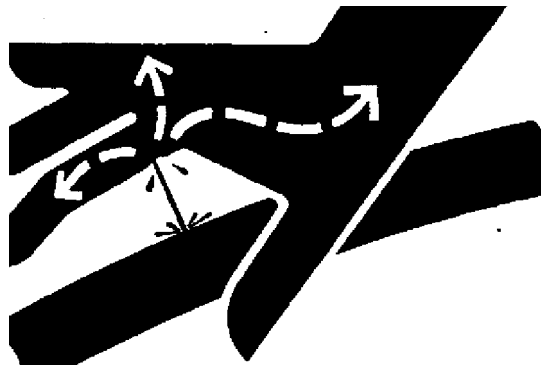
## AVOID HIGH-PRESSURE FLUIDS

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

-UN-23AUG88  
X9811

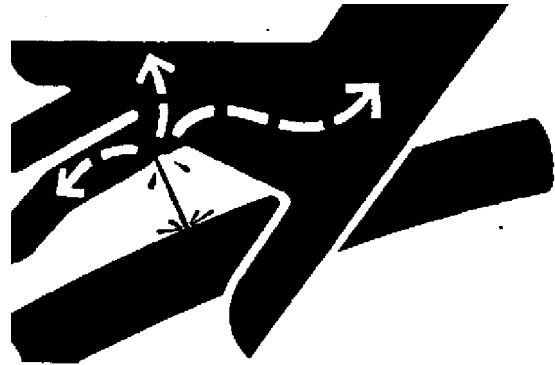


## CHECK HYDRAULIC HOSES

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. 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 and Company Medical Department in Moline, Illinois, U.S.A.

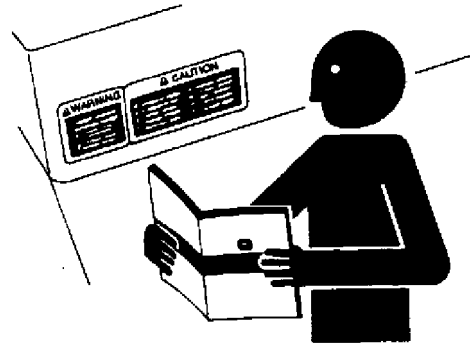


NXN.9930,HYD -19-28FEB94

X9811 -UN-23AUG88

## REPLACE SAFETY SIGNS

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



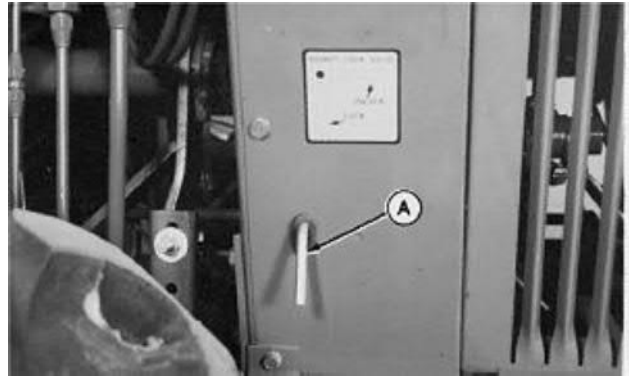
DX,SIGNS1 -19-04JUN90

TS201 -UN-23AUG88

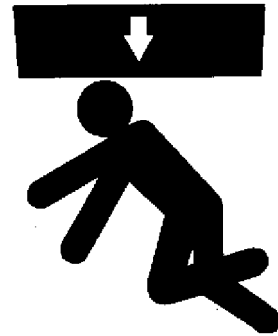


## OPERATING BASKET CYLINDER LOCK VALVE

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



N66198K2 -JUN-28SEP88



N42153C -JUN-16FEB94

NX.9930\_C9 -19-16FEB94




**⚠ DANGER**

TO AVOID INJURY OR DEATH DO NOT CONTACT ELECTRIC LINES WHEN MOVING OR OPERATING THIS MACHINE.



**⚠ WARNING**

A fire hazard exists when flammable moistening agents are used. Use John Deere Spindle Cleaner, John Deere Wetting Agent or Equivalent.

**⚠ 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.

**⚠ 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.



**⚠ WARNING**

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

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## ⚠ 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.

## ⚠ WARNING

To avoid bodily injury from fall of raised picking units. Raise the picking units and shut off engine. Set safety stops on both lift cylinder rods before getting under the picking units.

## ⚠ DANGER



Start only from seat in park or neutral. Starting in gear kills.

## ⚠ DANGER



Disengage harvesting unit drive and shut off engine before unclogging machine.




N42153E  
-19-12FEB94

NX,9930,C12X -19-16FEB94



**⚠ WARNING**  
Pressurized cooling system.  
To avoid burns from escaping  
coolant, do not remove  
radiator cap when coolant  
is hot.

**⚠ WARNING**



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

NX,9930,C13X -19-16FEB94

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