# 9960 Cotton Picker (PIN:N09960X004001- )

John Deere Des Moines Works
OMN200308 Issue A2
(Mark old manual OMN200308 B1 for machines up to Serial No. N09960X004000)

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.



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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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# **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.



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#### **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.

# **A DANGER**

# **A WARNING**

**A CAUTION** 

DX,SIGNAL

-19-04JUN90

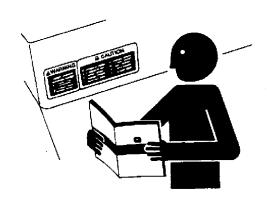
#### **FOLLOW SAFETY INSTRUCTIONS**

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.



-UN-23AUG88

DX,READ

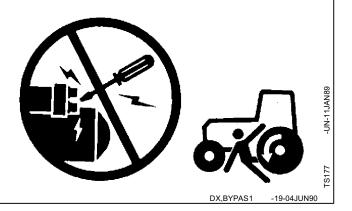


#### PREVENT MACHINE RUNAWAY

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.



## **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 picker with the basket raised.

DO NOT START ENGINE UNLESS MAIN GEAR SHIFT LEVER IS IN PARK.

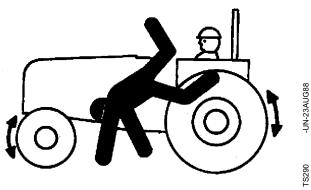
DO NOT enter basket with conveyor operating.

-19-11DEC91 NX,9960,C9

#### **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.





#### 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.



### **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 (plugged suction doors), free from trash.

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

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

NX,9960,C10X -19-11DEC91



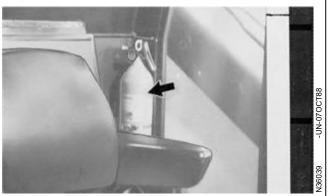
# MOUNTING AND SERVICING FIRE EXTINGUISHERS

Fire extinguishers (bold arrows) are available from your John Deere dealer.

Cab Mounted- Mount the bracket on the cab L.H. rear inside corner support and install extinguisher on bracket.

Chassis Mounted- Mount bracket on L.H. rear corner support and install extinguisher (bold arrow) on bracket.

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



Cab Mounted



Chassis Mounted

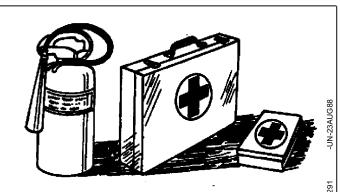
NX,9960,C11X -19-10JAN91

### 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

-19-04JUN90



#### 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.



-19-04JUN90

# **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. Use 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.



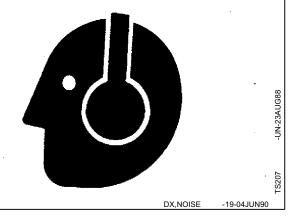
NX,9960,C13BX -19-09DEC91



#### 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.



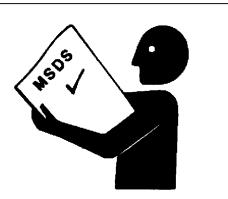
#### HANDLE CHEMICAL PRODUCTS SAFELY

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.)



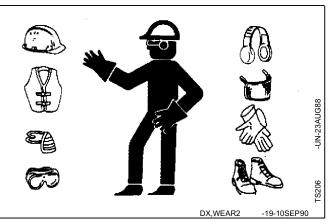
DX,MSDS,NA -19-15MAR91

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#### 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.





# **AVOID CONTACT WITH MOVING PARTS**

Shut off engine and remove key before unplugging units.

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



NX,9960,C13 -19-17FEB89



#### TRANSPORT SAFELY



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

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.

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

Fold radio antenna DOWN.

DO NOT fail to latch the brakes together.

Stop slowly to avoid "nose-diving."

Keep the SMV emblem and reflectors clean and in place.

ALWAYS DISENGAGE UNITS BEFORE ROAD TRANSPORT. TRANSPORTING WITH UNITS ENGAGED WILL CAUSE MACHINE TO STOP IF OPERATOR LEAVES SEAT FOR MORE THAN 5 SECONDS.

Basket should be lowered to 3759 mm (148-in.) for safe transport. Always engage front L.H. corner basket latch pin. See Lowering Telescoping Basket in Operating Machine section.

NX,9960,C14X -19-11DEC91



### PRACTICE SAFE MAINTENANCE

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

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

Fully extend unit lift cylinders (A) and place safety stops (B) over rods when working under units.

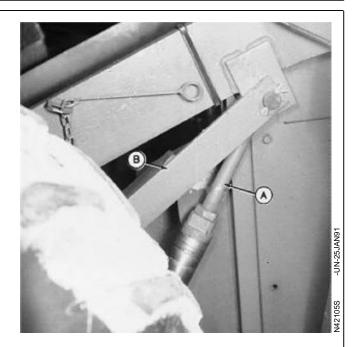
DO NOT check the water level in a hot radiator by removing cap. Check overflow tank.

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

Replace any guards and shields removed for servicing.

DO NOT attempt to remove an obstruction unless:

- · units are disengaged
- · gear shift is in park
- · ignition is off
- · switch key is removed



NX,9960,C15X -19-10JAN91



### **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 -19-09AUG91

### **OPERATE BASKET CYLINDER LOCK VALVE**

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



NX,9960,C16X -19-09DEC91

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