

9960 Cotton Picker

**John Deere Des Moines Works
OMN200267 Issue F0
(This manual replaces OMN200267 C0)**

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.

RIGHT-HAND AND LEFT-HAND sides are determined by facing in the direction the implement will travel when going forward.



THIS MACHINE is of metric design. Measurements in this manual are metric with the customary U.S. measurement following. Use only metric hardware and tools as specified.

WRITE PRODUCT IDENTIFICATION NUMBERS in the space provided in the Specifications 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. If this

manual is kept on the machine, also 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.



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-UN-18MAY90

NX,9960,3 -19-15MAY90

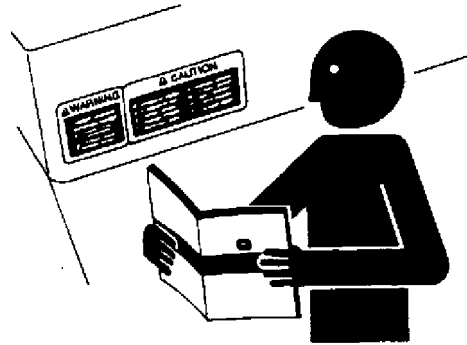
Safety

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.

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.



O53,READ -19-26JAN90

-UN-23AUG88
TS201

UNDERSTAND SIGNAL WORDS

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

Safety signs with signal word DANGER or WARNING are typically near specific hazards.

General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.



O53,SIGNAL -19-26JAN90

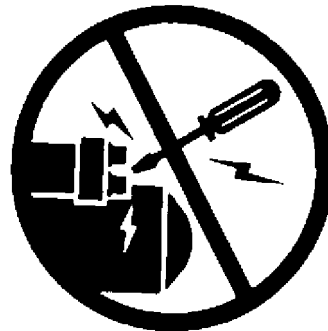
-19-30SEP88
TS187

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.



O53,BYPAS1 -19-26JAN90

-UN-11JAN89
TS177



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.

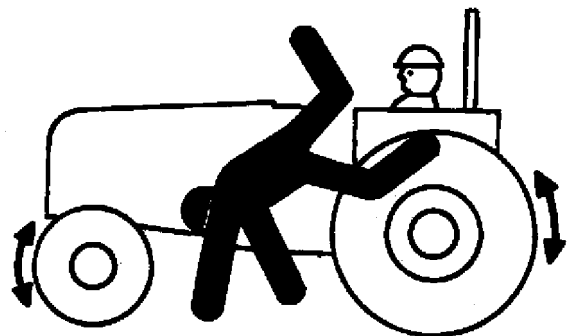
DO NOT enter basket with conveyor operating.

NX.9960,C9 -19-17FEB89

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.



T5290
-JUN-23AUG88

O53,RIDER -19-26JAN90



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.



O53,FIRE1 -19-26JAN90

TS202
-UN-23AUG68

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 nearby. Fire extinguishers and mounting brackets are available. Order AT81764, T80932, and AT75387 from your John Deere dealer.

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

Chassis Mounted— Mount bracket on left-hand rear corner support and install extinguisher (bold arrow) on bracket.

To prevent plugging, engage fan before engaging picking units.

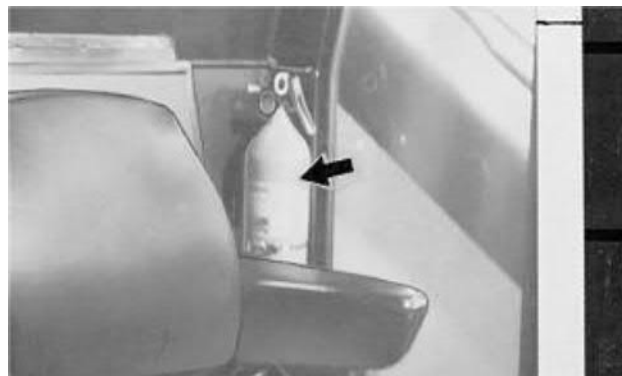
DO NOT dump basket near electrical wires.

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

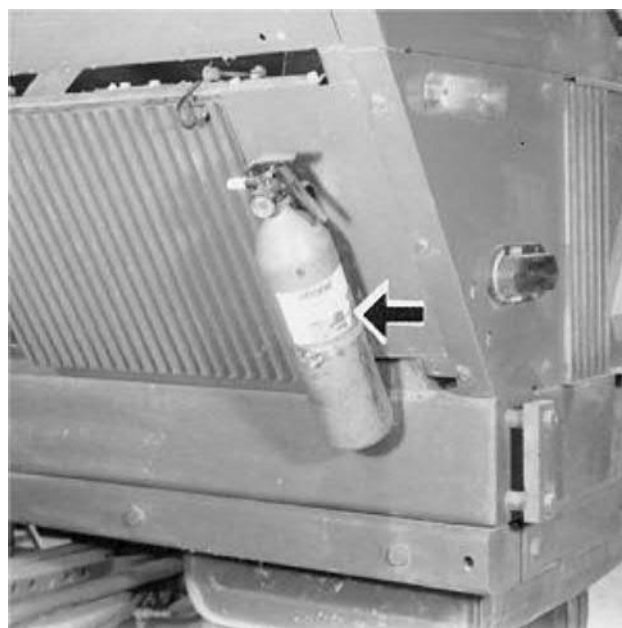
DO NOT refuel with the engine running.

DO NOT smoke or use a lantern when refueling.

Keep the engine muffler, and units (plugged suction doors), free from trash.



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-UN-07OCT88



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-UN-18MAY90

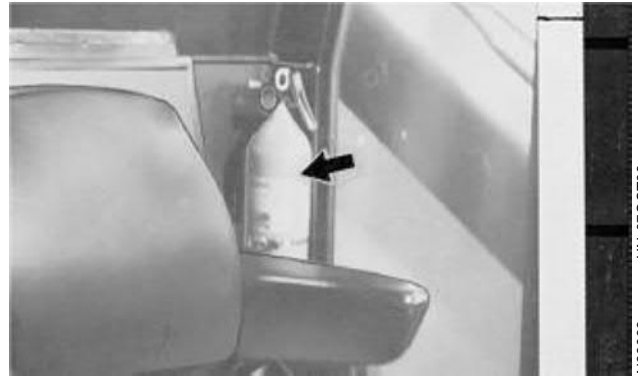
NX,9960,C10 -19-29MAY90



SERVICING FIRE EXTINGUISHER

A fire extinguisher (bold arrow) is available from your John Deere dealer.

Read and follow the instructions which are packaged with it. The extinguisher 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.



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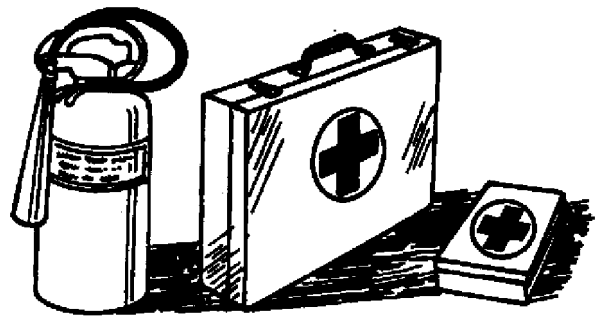
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PREPARE FOR EMERGENCIES

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.



O53,FIRE2 -19-26JAN90

TS291 -UN-23AUG88

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.



O53,FIRE3 -19-26JAN90

T6089AU -UN-23MAR89

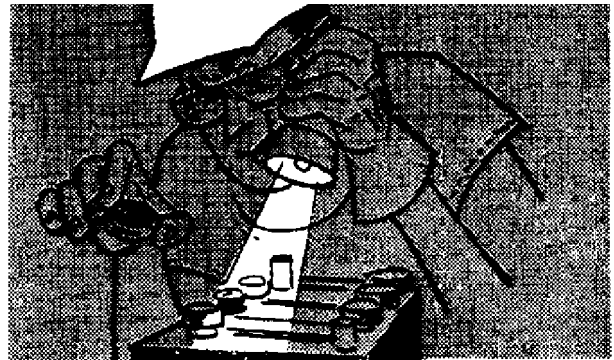


PREVENT BATTERY EXPLOSIONS

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 it last.



TS181
-UN-23AUG88

O53.EXPLO -19-29JAN86

CAUTION: 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:

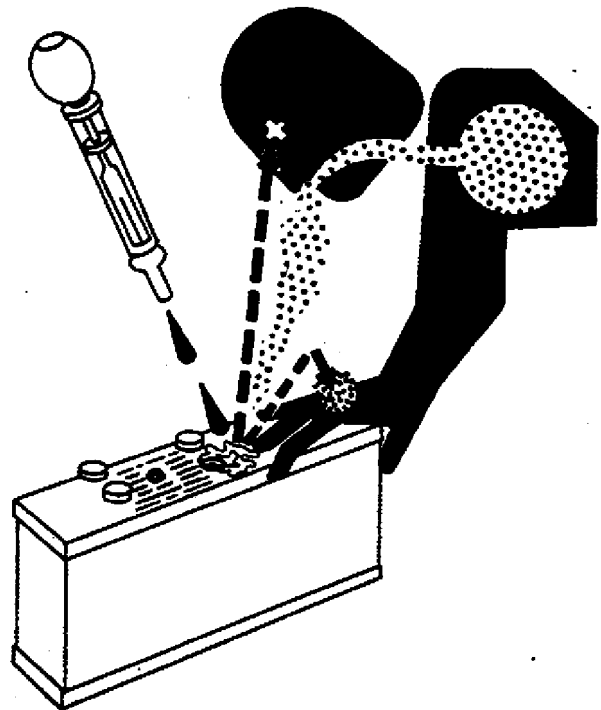
1. Filling batteries in a well-ventilated area.
2. Wearing eye protection and rubber gloves.
3. Avoiding breathing fumes when electrolyte is added.
4. Avoiding spilling or dripping electrolyte.
5. Use proper jump start procedure.

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.



TS203
-UN-23AUG88

O53.ACID -19-29JAN86



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.

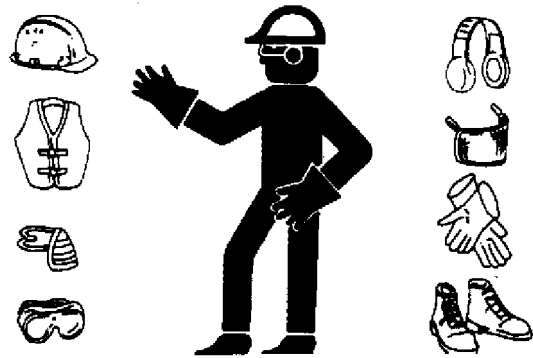


O53,NOISE -19-26JAN90

TS207 -UN-23AUG88

WEAR PROTECTIVE CLOTHING

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



O53,WEAR2 -19-26JAN90

TS206 -UN-23AUG88

AVOID CONTACT WITH MOVING PARTS

Shut off engine and remove key before unplugging units.

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



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TRANSPORT SAFELY



N41591
-JUN-24MAY90

DO NOT transport without first raising the picking units.

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.C14 -19-29MAY90



PRACTICE SAFE MAINTENANCE

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

DO NOT oil 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.

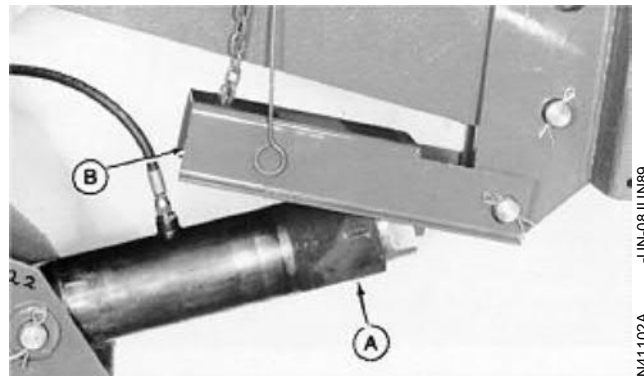
Shut off engine and remove key when working on picker unless specifically told to leave engine running.

Replace any guards and shields removed for servicing.

When engine is running, always use access hole in cab floor to adjust main hydraulic control valve.

DO NOT attempt to remove an obstruction unless:

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



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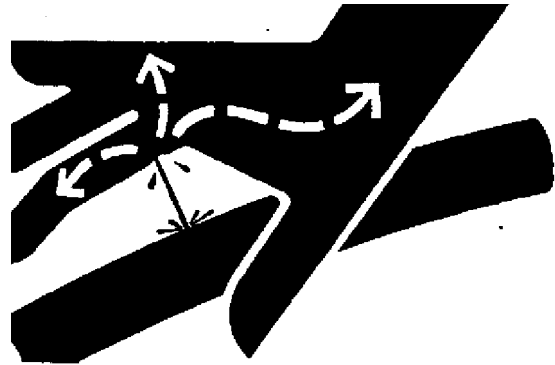
AVOID HIGH-PRESSURE FLUIDS

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 may call the Deere & Company Medical Department in Moline, Illinois, or other knowledgeable medical source.



X9811 -UN-23AUG88

O53,FLUID -19-26JAN90

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.



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NX,9960,C16 -19-29MAY90



READ SAFETY SIGNS

Carefully read and follow all CAUTION, WARNING, and DANGER safety signs.

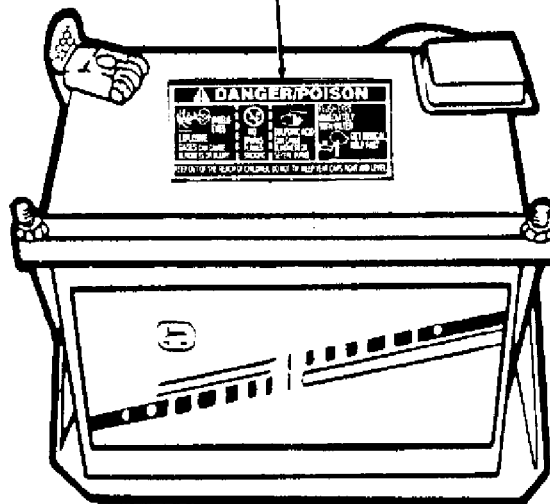
Keep signs in good condition. Replace missing or damaged safety signs.



NX.9960.C17 -19-05JUN89

N38141 -UN-13MAR89

BATTERY SAFETY



N41676 -19-29MAY90

NX.9960.C18 -19-29MAY90



DANGER

Serious injury or death can result from contact with electric lines. Use care when moving or operating this machine near electric lines to avoid contact.



WARNING

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



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.

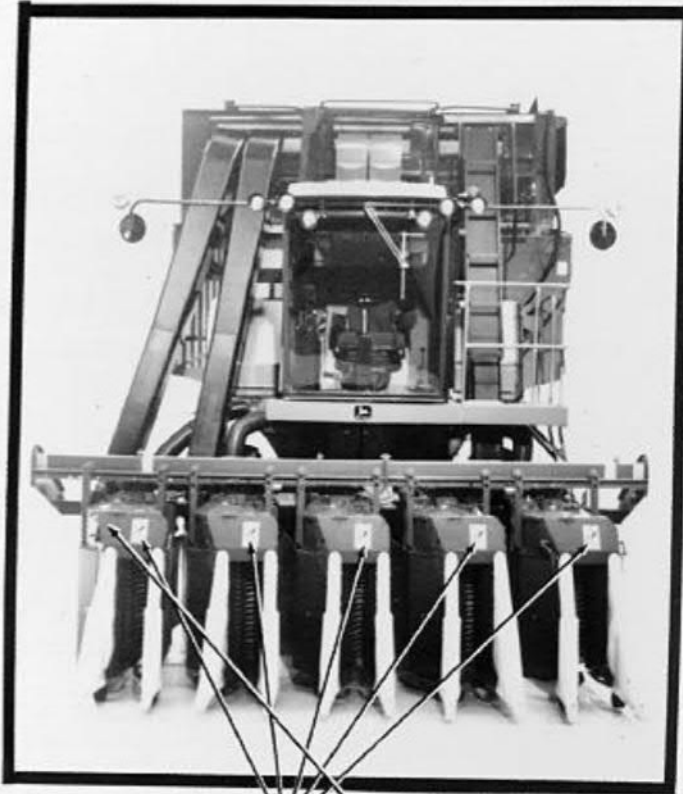


WARNING

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

N41396AX -19-18MAY90

NX,9960,C19 -19-15MAY90



⚠ DANGER



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

⚠ CAUTION

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

N41593 -19-18MAY90

NX.9960.C20 -19-15MAY90

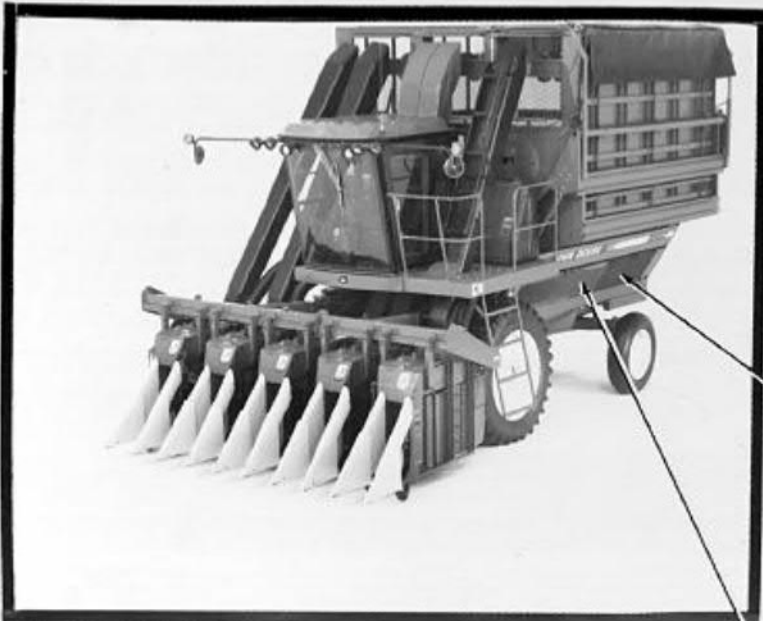


 **CAUTION**

**TO PREVENT BASKET
EXTENSION FROM
SLOWLY RAISING
FROM LOWERED
POSITION DURING
TRANSPORT, PIN
FRONT LEFT CORNER
OF EXTENSION**

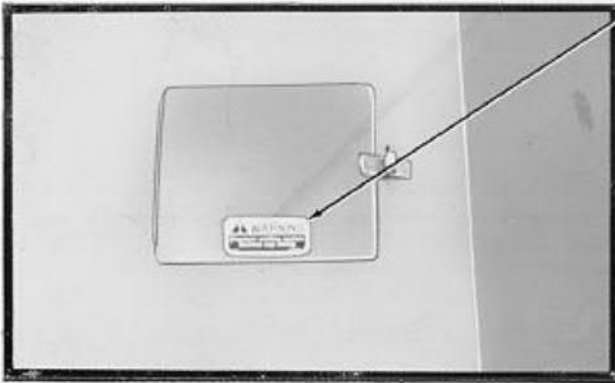
N41629 -19-18MAY90

NX,9960,C20A -19-15MAY90



CAUTION
Refrigerant under pressure. Improper servicing may cause refrigerant to penetrate eyes and skin or cause burns. Wear goggles and protect skin.

WARNING
Pressure cooling system
Remove cap slowly
CA A-2913R



N41398AA -19-06MAR90

NX.9960.C21 -19-15MAY90

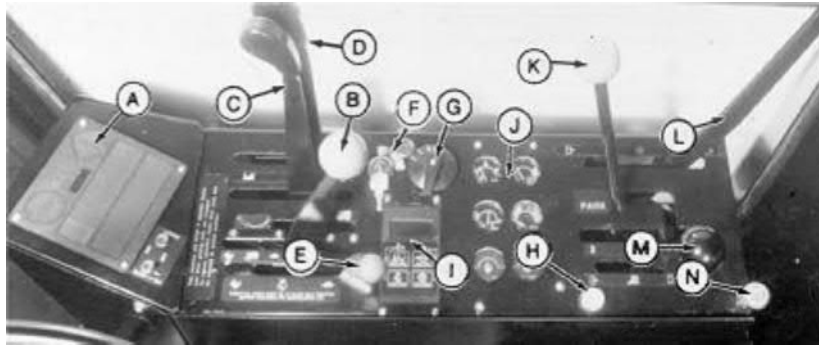


N41399AA -19-06MAR90

NX,9960,C22 -19-15MAY90

Operator's Station

OPERATOR'S PLATFORM CONTROLS AND INSTRUMENTS



A—Monitor Display Panel
 B—Speed Range Lever
 C—L.H. Units Lift Lever
 D—R.H. Units Lift Lever

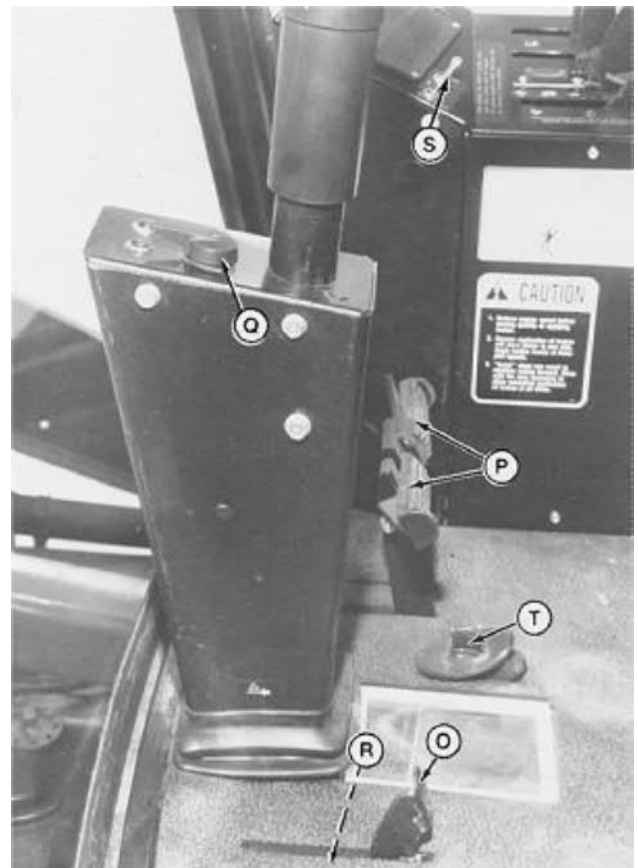
E—Throttle Lever
 F—Key Switch
 G—Light Switch
 H—Starting Aid Button

I—Digital Tachometer
 J—Indicators and Gauges
 K—Main Gear Shift Lever

L—Fan Lever
 M—Picking Unit Shift Lever
 N—Engine Shut Off Knob

NX,9960,D1 -19-15MAY90

O—Foot Flush Valve Pedal
 P—Brake Pedals
 Q—Turn Signal Controller
 R—Dimmer Switch
 S—Lube On-Off Switch
 T—Steering Pedestal Tilt Pedal



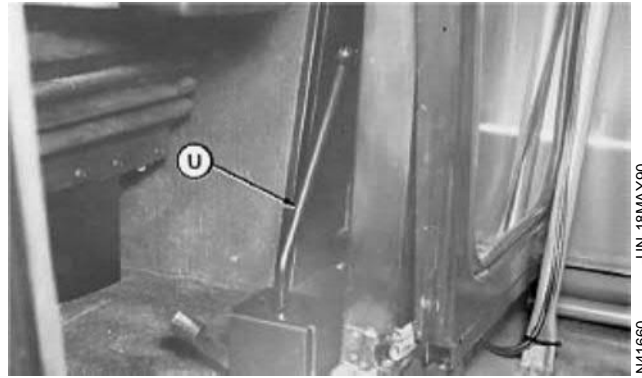
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Operator's Station

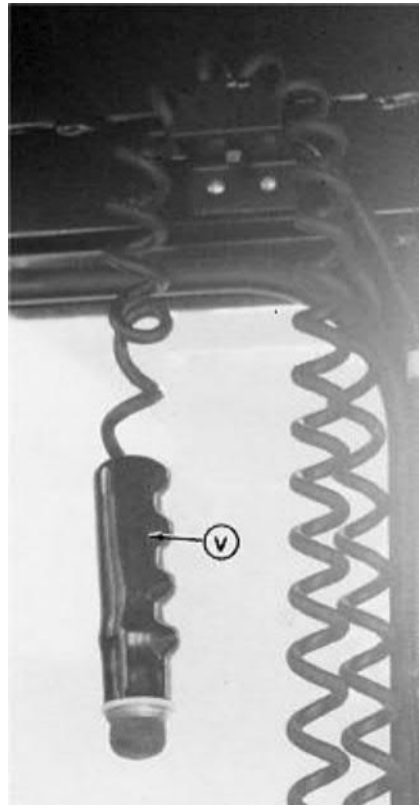
U-Basket Dump, Compactor,
Conveyor, Telescoping Control Lever

V-Inspection Bypass Tether

W-Water Regulator Valve



N41660 -UN-18MAY90



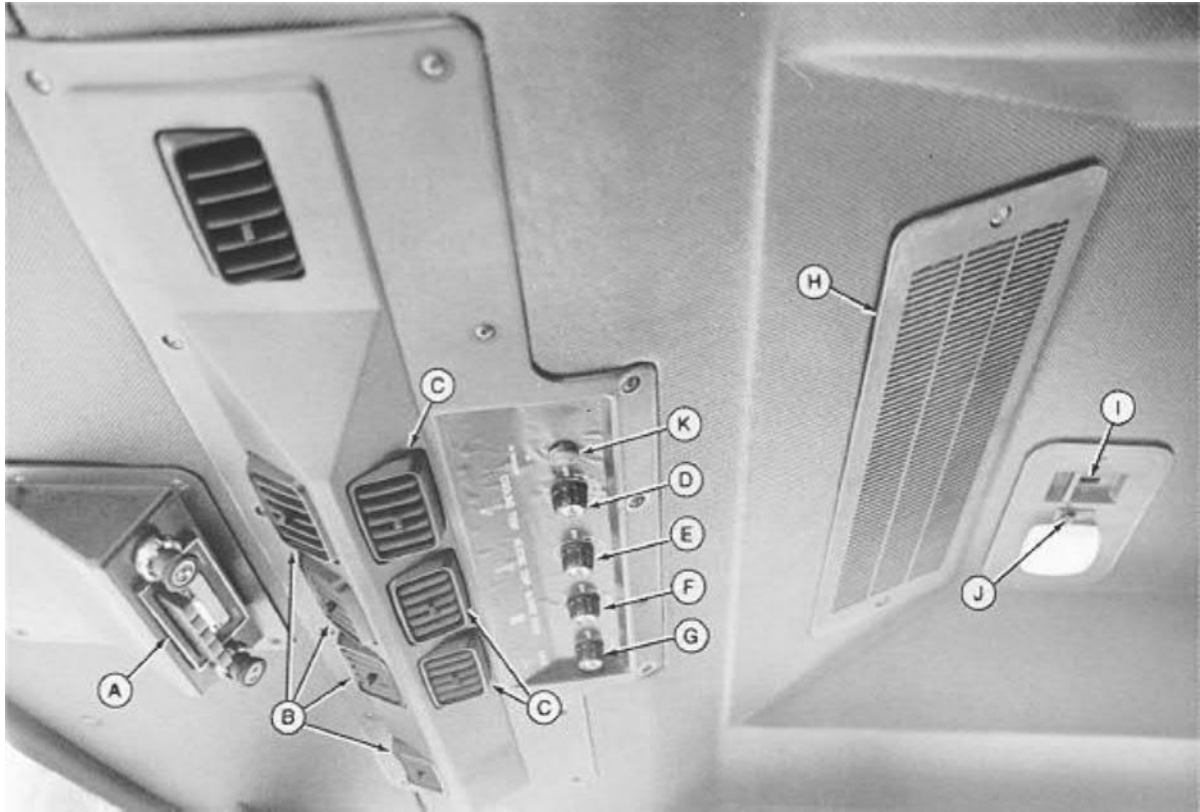
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N41661 -UN-18MAY90

NX,9960,D1B -19-02JUN90

CAB ROOF CONTROLS



A—Radio
B—Defogging Louvers
C—Louver

D—Air Conditioning Control
E—Heater Control
F—Blower Control

G—Wiper Control
H—Air Filter
I—Console Lamp

J—Light Switch
K—"Hi" Pressure Light

NX.9960.D2 -19-17FEB89

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