

468 Baler

(Serial No. 943001-)

John Deere Ottumwa Works
OME87181 Issue H5
(Mark old manual OME82256 H2 for
machines up to Serial No. 943001)

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 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.



John Deere 468 Baler

EX,468A,IFCA -19-25AUG95

Contents

	Page		Page
Safety	05-1	Replacing Flywheel Shear Bolt	30-4
Preparing the Tractor		Replacing Knotter and Needle Drive Shear Bolt	30-5
Tractor PTO Speed	10-1	Adjusting Compressor Rods	30-5
Adjusting Drawbar	10-1	Removing Compressor Rods	30-6
Attaching Hitch to Drawbar	10-1	Adjusting Twine Tension	30-6
Checking Ballast, Wheel Spacing and Tire Inflation	10-2	Checking Twine Knot Strength	30-7
Preparing the Baler		Adjusting Feeder Fingers	30-7
Breaking in the Baler	15-1	Adjusting Bale Length	30-8
Securing Jackstand	15-1	Adjusting Bale Weight and Hydraulic Tension	30-9
Positioning Tongue	15-2	Adjusting Height of Pickup Teeth Manually	30-11
Attaching Hydraulic Tongue Positioning Cylinder	15-2	Optional Hydraulic Lift	30-11
Selecting Correct Twine	15-3	Adjusting Gauge Wheel Height	30-11
Loading Twine Box	15-3	Attachments	35-1
Using Modified Square Knot—Sisal Twine	15-3	Lubrication and Maintenance	
Using Sheet Bend Knot—Plastic Twine	15-4	Grease	40-1
Threading Right-Hand Needle	15-4	Hydraulic Oil	40-2
Threading Left-Hand Needle	15-6	Gear Case Oil	40-3
After Threading Needles	15-8	Multiluber Grease	40-3
Selecting Proper Tire Inflation	15-8	Alternative Lubricants	40-3
Attaching and Detaching		Observe Lubrication Symbols	40-4
Attaching Baler to 540 RPM PTO	20-1	Perform Lubrication and Maintenance	40-4
Adjusting Tractor Drawbar	20-1	Chains	40-5
Attaching Baler to Tractor	20-1	Lubrication and Maintenance	
Attaching to Tractor Hydraulic System	20-1	Every 5 Hours	40-5
Attaching and Detaching PTO Driveline		Every 10 Hours	40-6
POWER-GARD	20-2	Every 100 Hours	40-8
Push Pin	20-3	Each Season	40-9
Transporting	25-1	As Required	40-10
Operating the Baler		Knotter Troubleshooting	45-1
Starting and Operating the Baler	30-1	General Troubleshooting	50-1
Preparing the Crop	30-1		
Selecting Correct Direction of Travel	30-2		
Understanding the Tying Cycle	30-2		

Continued on next page

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.

OME87181 H5-19-11SEP95

COPYRIGHT© 1995
DEERE & COMPANY
Moline, Illinois
All rights reserved
A John Deere ILLUSTRATION® Manual
Previous Editions
Copyright 1992, 1991, 1989, 1988 Deere & Company

<https://www.ebooklibonline.com>

Hello dear friend!

Thank you very much for reading.

Enter the link into your browser.

The full manual is available for immediate download.

<https://www.ebooklibonline.com>

Contents

	Page
Service	
Service Tires Safely	55-1
Placing Needles in Home Position	55-2
Timing the Baler	55-3
Adjusting Bale Measuring Control	55-5
Adjusting Crank Stop	55-7
Adjusting Knotter Drive Brake	55-8
Adjusting Needle Frame and Needle Link	55-8
Adjusting Needle	55-9
Adjusting Twine Holder	55-10
Adjusting Tucker Fingers	55-11
Adjusting Knife Arm	55-13
Replacing Knife and Wiper Plate	55-15
Adjusting Knotter Gears	55-16
Removing Knotter Assembly	55-17
Replacing Billhook Cam	55-17
Multi-Twine and Sisal Billhooks	55-18
Adjusting Twine Disk	55-18
Adjusting Billhook Tongue	55-19
Adjusting Slip Clutch	55-20
Adjusting Pickup Flotation	55-21
Adjusting Bale Counter	55-22
Adjusting Auger Drive Slip Clutch	55-23
Adjusting Plungerhead	55-23
Adjusting Stationary Knife	55-34
Adjust Hydraulic Bale Tension Pump	
Chain	55-35
Checking Multiluber	55-36
Broken Oil Lines	55-36
Adjusting Feeder Finger Chain	55-37
Adjusting Main Drive Chain	55-37
Storage	60-1
Specifications	
Machine Specifications	65-1
Record Product Identification Number	65-2
Bolt and Cap Screw Torque Value Charts	
Inch	65-3
Metric	65-4
Crime Prevention Tips	70-1
Index	

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



OPERATE BALER SAFELY

Keep all shields in place when operating baler.

Before tripping knotters by hand, removing twine or wire from bale case or knotters, or removing hay from pickup:

- Disengage all power.
- Shut off engine.
- Wait until all moving parts have stopped.

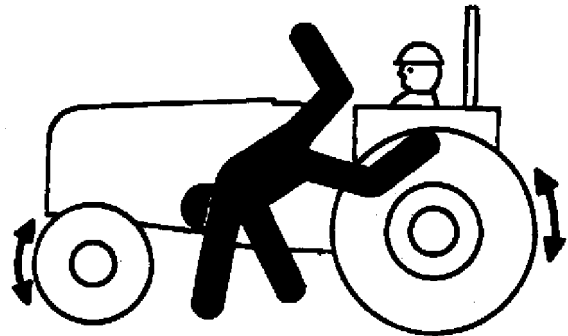
Stand clear of needle frame.

E01,338C,A -19-17MAR87

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

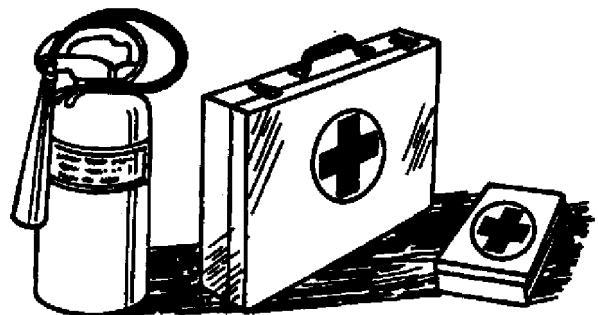
TS290
-UN-23AUG88

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



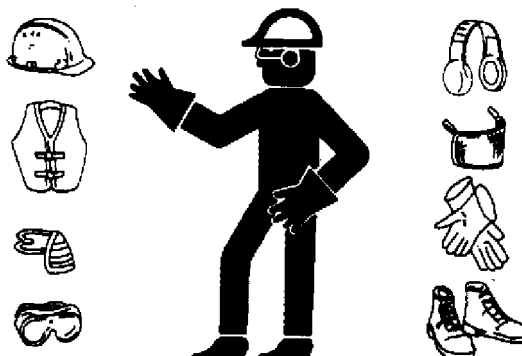
WEAR PROTECTIVE CLOTHING

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

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.

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



DX,WEAR -19-10SEP90

TS206 -UN-23AUG68

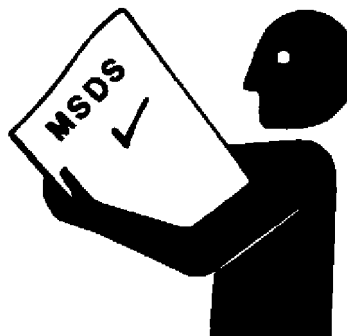
HANDLE CHEMICAL PRODUCTS SAFELY

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



STAY CLEAR OF ROTATING DRIVELINES

Entanglement in rotating driveline can cause serious injury or death.

Keep tractor master shield and driveline shields in place at all times. Make sure rotating shields turn freely.

Wear close fitting clothing. Stop the engine and be sure PTO driveline is stopped before making adjustments, connections, or cleaning out PTO driven equipment.



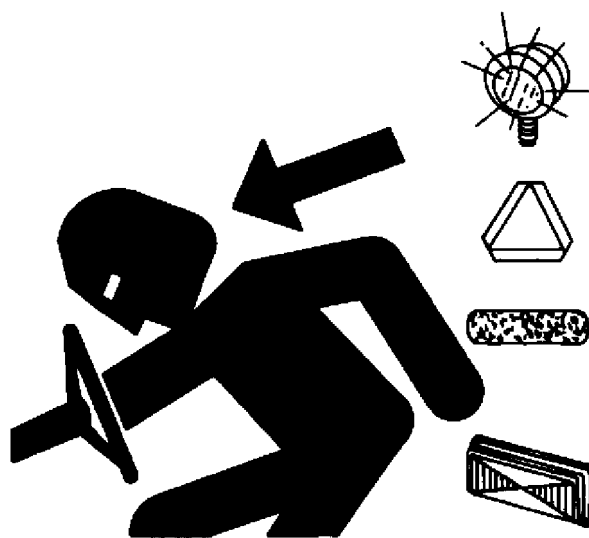
DX,PTO -19-12SEP95

TS1644 -UN-22AUG95

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.



DX,FLASH -19-12SEP95

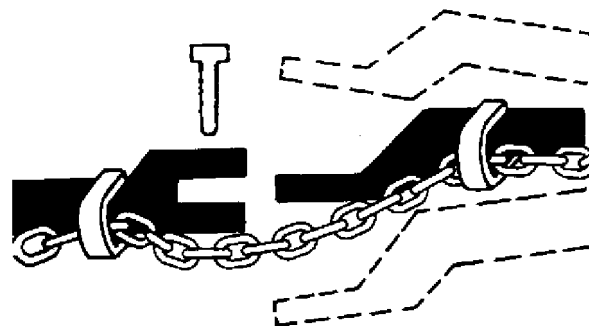
TS951 -UN-12APR90

USE A SAFETY CHAIN

A safety chain will help control drawn equipment should it accidentally separate from the drawbar.

Using the appropriate adapter parts, attach the chain to the tractor drawbar support or other specified anchor location. Provide only enough slack in the chain to permit turning.

See your John Deere dealer for a chain with a strength rating equal to or greater than the gross weight of the towed machine. Do not use safety chain for towing.



DX,CHAIN -19-03MAR93

TS217 -UN-23AUG88



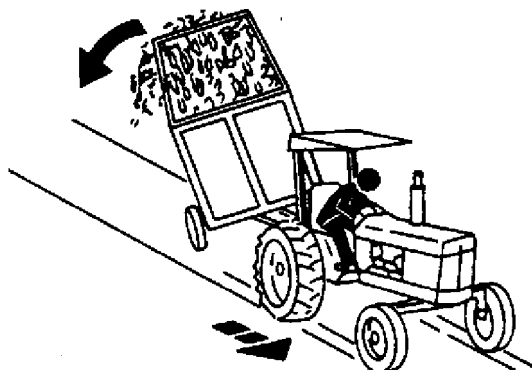
TOW LOADS SAFELY

Towed loads with or without brakes that are too heavy for the tractor or are towed too fast can cause loss of control. Use additional caution when towing loads under adverse surface conditions, when turning, and on inclines.

For tractors towing loads more than 1.5 t (3300 lb):

- If towed equipment does not have brakes, do not travel more than 32 km/h (20 mph) and do not tow loads more than 1.5 times the tractor weight. Ensure the load does not exceed 1.5 times the tractor weight by adding ballast to tractor, lightening the load, or getting a heavier towing unit.
- If towed equipment has brakes, do not travel more than 40 km/h (25 mph) and do not tow loads more than 4.5 times the tractor weight.

Consider the total weight of the equipment and its load.



-UN-23AUG68
TS216

DX,TOW -19-27JUL95

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.



-UN-23AUG88
TS216

DX,SERV -19-03MAR93



Suggest:

For more complete manuals. Please go to the home page.

<https://www.ebooklibonline.com>

If the above button click is invalid. Please download this document first, and then click the above link to download the complete manual.

Thank you so much for reading



REMOVE PAINT BEFORE WELDING OR HEATING

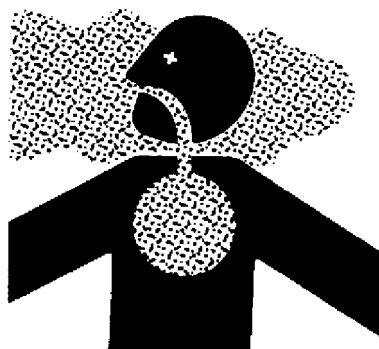
Avoid potentially toxic fumes and dust.

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-23AUG68

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 -UN-15MAY90



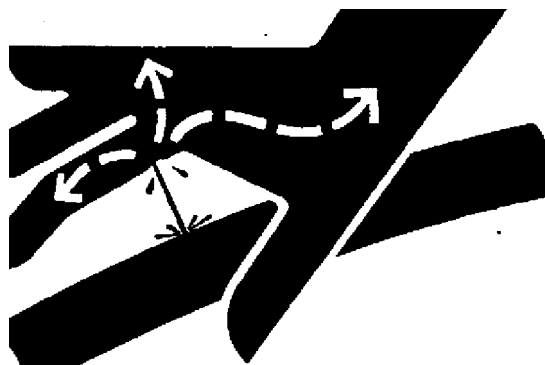
AVOID HIGH-PRESSURE FLUIDS

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.



X9811 -UN-23AUG88

DX,FLUID -19-03MAR93

DISPOSE OF WASTE PROPERLY

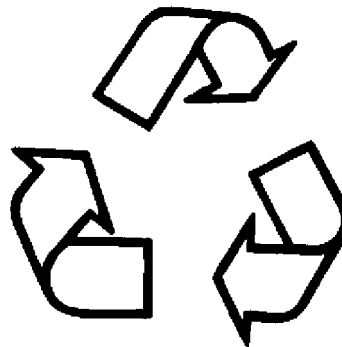
Improperly disposing of waste can threaten the environment and ecology. Potentially harmful waste used with John Deere equipment include such items as oil, fuel, coolant, brake fluid, filters, and batteries.

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.



TS1133 -UN-26NOV90

DX,DRAIN -19-03MAR93

<https://www.ebooklibonline.com>

Hello dear friend!

Thank you very much for reading.

Enter the link into your browser.

The full manual is available for immediate download.

<https://www.ebooklibonline.com>