

# **435 and 535 Round Balers**

(Serial No. 943001- )

**John Deere Ottumwa Works**  
**OME82417 Issue H2**  
**(Mark old manual OME80985 H1 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 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 435 and 535 Round Balers*

E32229  
-JUN-16SEP88

EX,435A,IFCOM -19-01MAY91

# Contents

	Page		Page
<b>Safety</b> .....	05-1		
<b>Preparing the Tractor</b>			
Adjusting the Drawbar .....	10-1	Adjusting:	
Adjusting Tractor Wheels .....	10-1	Bale Density .....	35-6
Checking Ballast, Wheel Spacing, and Tire Inflation .....	10-2	Pickup Height .....	35-6
Setting Hydraulic Outlets .....	10-2	Converging Wheel Height .....	35-7
Tractor Electrical Hookup .....	10-3	Forming a Bale .....	35-8
Install BALE-TRAK Monitor Console .....	10-3	Checking Baler Performance in the Field ...	35-12
Using Heavy-Duty Tractor Drawbar .....	10-5	Gate Lock Valve .....	35-13
Using Drawbar Shield .....	10-5	Using Manual Twine Trip Rope .....	35-13
Making Drawbar Shield .....	10-5	Twine Arm:	
		Operating With Empty Baler .....	35-14
<b>Preparing the Baler</b>		Avoid Cycling While Servicing Baler .....	35-15
Selecting Twine .....	15-1	Rotating Baler By Hand .....	35-15
Loading Twine Boxes .....	15-1	Unplugging Baler Under Power .....	35-16
Tying Sheet Bend Knot—Plastic Twine .....	15-2	Unplugging Baler With Hydraulic Pickup Lift .....	35-17
Tying Modified Square Knot—Sisal Twine ...	15-2	Compressor Rack Assembly:	
Routing Twine From Right-Hand Twine Box (Rear Arm) .....	15-2	Removing .....	35-17
Routing Twine From Left-Hand Twine Box (Front Arm) .....	15-5	Installing .....	35-17
Adjusting Twine Spacing .....	15-8	Adjusting .....	35-18
Tire Inflation .....	15-9	Starting a Bale in Difficult Conditions .....	35-19
		Baling Short, Dry, Slick Crops .....	35-20
<b>Attaching and Detaching</b> .....	20-1	Baling Cornstalks .....	35-21
		Baling Wet Hay .....	35-22
<b>Transporting</b> .....	25-1	Extinguishing a Fire .....	35-23
		Bale Push Bar Operation (Optional) .....	35-23
<b>Handling Round Bales</b> .....	30-1	Operating Baler With Push Bar (Optional) ...	35-25
		Engaging Bale Push Bar (Optional) .....	35-27
<b>Operating the Baler</b>		Locking Out Bale Push Bar (Optional) .....	35-28
BALE-TRAK Monitor .....	35-1	Variable Core Operation (Optional) .....	35-29
How the Baler Forms a Bale .....	35-2	Operating Variable Core (Optional) .....	35-29
Crop Preparation .....	35-3		
Breaking-In .....	35-3	<b>Attachments</b> .....	40-1
Adjusting Bale Size .....	35-4		
Bale Density Gauge .....	35-5	<b>Lubrication and Maintenance</b>	
		Perform Lubrication and Maintenance .....	45-1
		Alternative Lubricants .....	45-1
		Hydraulic Pump Oil .....	45-1
		Chains .....	45-2
		Extreme Pressure Grease .....	45-2

Continued on next page

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OME82417 H2-19-15JUL92

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Contents

	Page		Page
Gear Case Oil . . . . .	45-3	Twine Cylinder Installation Dimensions (435) . . . . .	55-20
Lubrication and Maintenance:		Adjusting:	
Every 10 Hours . . . . .	45-4	Twine Cutter Tension (535) . . . . .	55-21
Every 30 Hours . . . . .	45-6	Number of Twine Wraps on R-H End of Bale (535) . . . . .	55-22
Every 50 Hours . . . . .	45-8	Twine Arm Travel To Shift Valve (535) . . . . .	55-23
Every 100 Hours . . . . .	45-9	Twine Cylinder Installation Dimensions (535) . . . . .	55-23
Annually . . . . .	45-10	Adjusting:	
<b>Troubleshooting</b>		Gate Latch Stop . . . . .	55-24
Automatic Twine Wrap . . . . .	50-1	Gate Latch Linkage . . . . .	55-25
BALE-TRAK Monitor Difficulties . . . . .	50-9	Twine Indicator Retaining Strap . . . . .	55-25
Feeding Difficulties . . . . .	50-13	Checking Microswitches . . . . .	55-26
Pickup Difficulties . . . . .	50-15	Adjusting:	
Bale Quality . . . . .	50-17	Pump Idler Switch . . . . .	55-26
General Baler Difficulties . . . . .	50-19	Gate Latch Switch (Green Light) . . . . .	55-27
Push Bar Difficulties . . . . .	50-25	Twine Arm Switch (Solid Yellow Light) . . . . .	55-27
Silage Bundle Difficulties . . . . .	50-26	Flashing Yellow Light Switch . . . . .	55-28
<b>Service</b>		Oversize Bale Switch (Red Light) . . . . .	55-29
Practice Safety . . . . .	55-1	Variable Core Switch . . . . .	55-29
Mounting Tires . . . . .	55-2	Bale Shape Senders . . . . .	55-30
BALE-TRAK Monitor and Baler Wiring		Pickup Float Springs . . . . .	55-31
Diagram . . . . .	55-3	Pickup Belt Idler . . . . .	55-32
Bale Tension and Gate Hydraulic System . . . . .	55-4	Removing Center and Rear Tension Arm	
Adjusting Chains . . . . .	55-5	Rolls . . . . .	55-33
Adjusting Upper Drive Roll Chain . . . . .	55-5	Removing Front Tension Arm Roll . . . . .	55-34
Servicing Upper Chain and Idler . . . . .	55-5	Installing Orifice in Tractors With Low Hydraulic Flow . . . . .	55-34
Adjusting Drive Slip Clutch . . . . .	55-6	Priming Twine Hydraulic Pump . . . . .	55-35
Checking Belt Tracking . . . . .	55-7	Cleaning Pump Screen . . . . .	55-37
Adjusting:		Raising Gate With Hoist . . . . .	55-37
Belt Tracking . . . . .	55-8	Checking Belt Pins . . . . .	55-38
Lower Feed Roll Scraper . . . . .	55-10	Removal of All Belts or Spring Rods . . . . .	55-38
Compression Spring Rod Stop Nuts . . . . .	55-10	Installing Belts . . . . .	55-39
Bale Size Indicator . . . . .	55-11	Repairing Belts . . . . .	55-40
Replacing Tension Wear Channel . . . . .	55-12	Belts Eligible for Warranty Replacement . . . . .	55-44
Checking Twine Trip Rod and Valve		Belts Not Eligible for Warranty Replacement . . . . .	55-44
Latch Clearance . . . . .	55-12	<b>Storage</b> . . . . .	60-1
Checking Maximum Size Bale Adjustment . . . . .	55-14	<b>Crime Prevention Tips</b> . . . . .	65-1
Adjusting Twine Trip Rope . . . . .	55-15	<b>Specifications</b> . . . . .	70-1
Checking Knife Register . . . . .	55-15	<b>Index</b>	
Adjusting Twine Cutter Anvil . . . . .	55-16		
Twine Arm Timing (435) . . . . .	55-16		
Twine Arm Timing (535) . . . . .	55-17		
Adjusting:			
Twine Cutter Tension (435) . . . . .	55-17		
Number of Twine Wraps on R-H End of Bale (435) . . . . .	55-19		
Twine Distance From R-H End of Bale (435) . . . . .	55-19		

# 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 -19-04JUN90

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 -19-09JAN92

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.



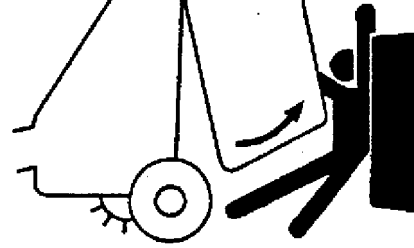
DX,READ -19-04JUN90

TS201 -UN-23AUG88



## PROTECT BYSTANDERS

To prevent crushing injury be sure bystanders stand clear before operating gate and unloading bale.



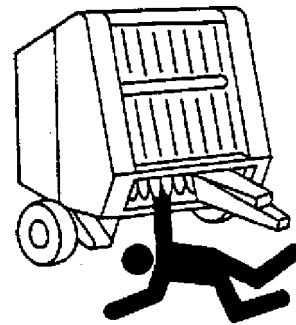
EX,435C,A -19-01SEP88

E32162 -UN-12SEP88

## OPERATE BALER SAFELY

To avoid injury or death by being pulled into the machine:

- DO NOT attempt to feed crop or twine into baler or unplug feed area WHILE BALER IS RUNNING. The baler feeds material faster than you can release it.
- Disengage PTO and shut off engine.
- Stand clear of baler at all times when machine is operating.



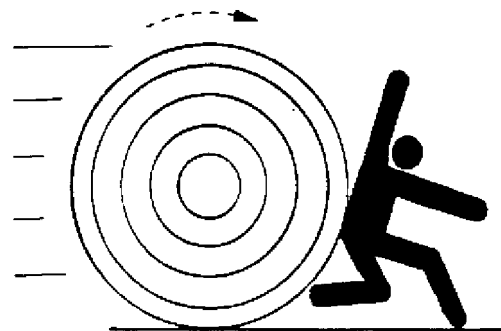
EX,435C,B -19-01SEP88

E32161 -UN-12SEP88

## OPERATE SAFELY ON SLOPES

Be especially careful when operating on hillsides. The baler may tip sideways if it strikes a hole, ditch, or other irregularity.

To prevent injury or damage from a rolling bale, discharge bales on level ground or in such a manner that the bale will not roll.



EX,435C,C -19-14JUL92

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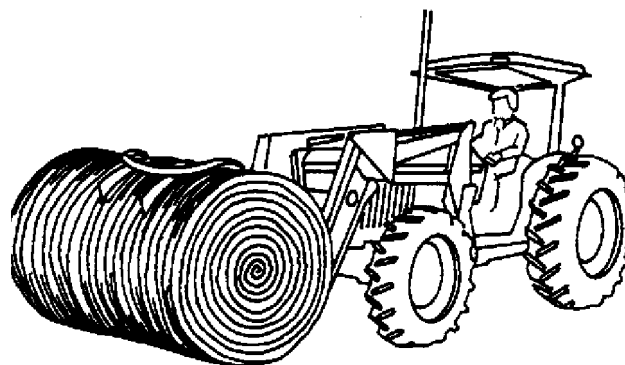
## HANDLE ROUND BALES SAFELY

To help prevent personal injury, do not handle round bales without approved John Deere Round Bale Handling attachments.

Improper use of loaders to handle round bales can result in serious injury or death to the tractor/loader operator. This could be caused by the bale rolling back down the loader into the operator's station.

To attain optimum stability and visibility:

- Do not handle bales that exceed the bale weight limitations of the loader.
- Carry the bale slowly and as low as possible to the ground.
- Operate the loader controls smoothly, avoiding jerky operation.
- When handling round bales on a slope, always approach the bale with the tractor facing uphill.
- Never use the tractor/loader to stop a rolling bale.



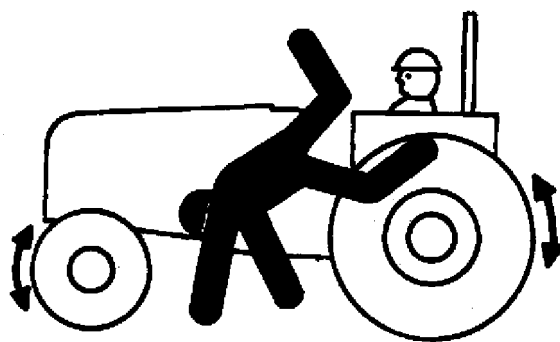
W7718 -UN-06OCT88

EX,435C,D -19-01SEP88

## 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.



TS290 -UN-23AUG88

DX,RIDER -19-04JUN90



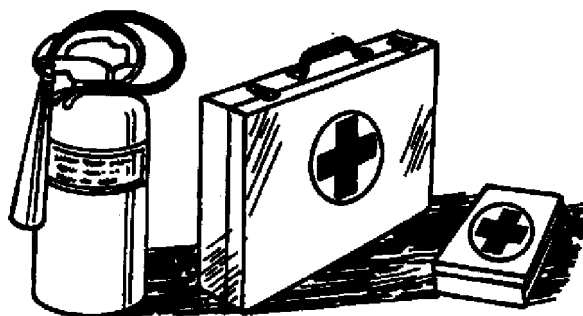
## PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

1. Eject bale immediately.
2. Move tractor and baler upwind 9 m (30 ft) away from flammable material.
3. Raise gate and engage gate lock valve.
4. Use fire extinguisher or other water supply to put out fire.

Keep first aid kit handy.

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



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TS291

EX,435C,J -19-01NOV88

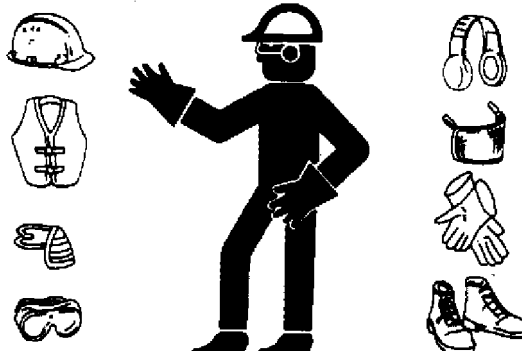
## WEAR PROTECTIVE CLOTHING

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.



-UN-23AUG88

TS206

DX,WEAR -19-10SEP90



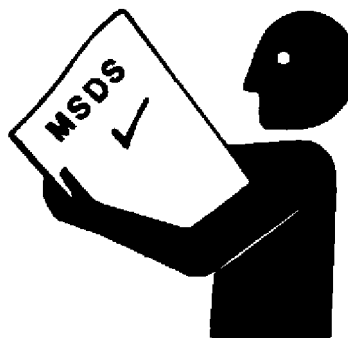
## HANDLE CHEMICAL PRODUCTS SAFELY

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

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 -19-04JUN90

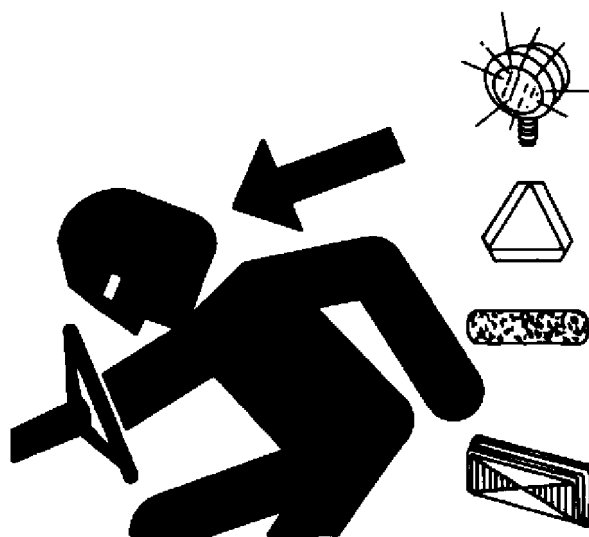
TS198 -UN-23AUG88

## 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.

Flashing warning lights and turn signals are recommended whenever driving on public roads. 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.



DX,FLASH -19-04JUN90

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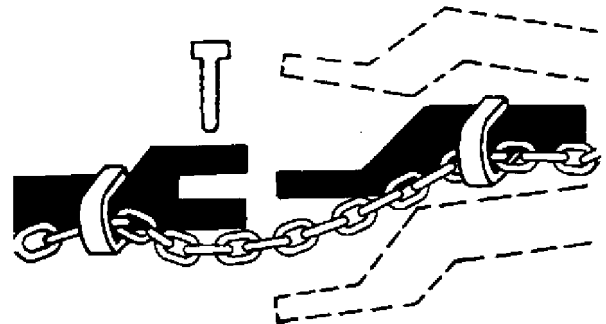


## USE A SAFETY CHAIN

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.



-UN-23AUG88  
TS217

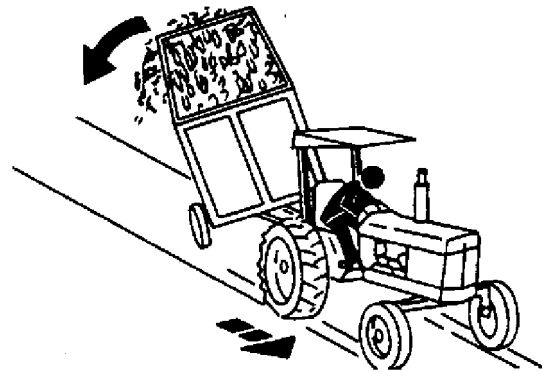
DX,CHAIN -19-04JUN90

## REDUCE SPEED WHEN TOWING LOADS

Braking to stop towed loads from transport speeds can cause the towed load to swerve and upset. Reduce speed if towed load weighs more than the tractor and is not equipped with brakes.

Follow recommended speed-weight ratio guidelines:

- Maximum speed is 32 km/h (20 mph) when towing load equal to or less in weight than the tractor.
- Reduce speed to 16 km/h (10 mph) when towing load up to double the tractor weight.
- Do not tow loads exceeding double the tractor weight.
- Use additional caution when towing loads under adverse surface conditions, when turning, and on inclines.



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TS216

DX,TOW -19-27MAY92



## REMOVE PAINT BEFORE WELDING OR HEATING

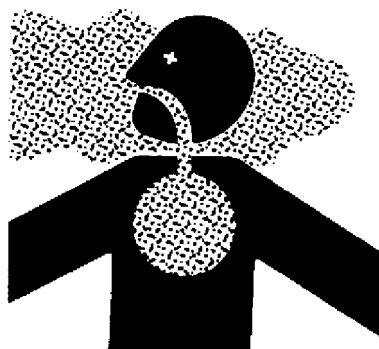
Avoid potentially toxic fumes and dust.

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 -19-04JUN90

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 -19-05OCT90

TS953 -UN-15MAY90



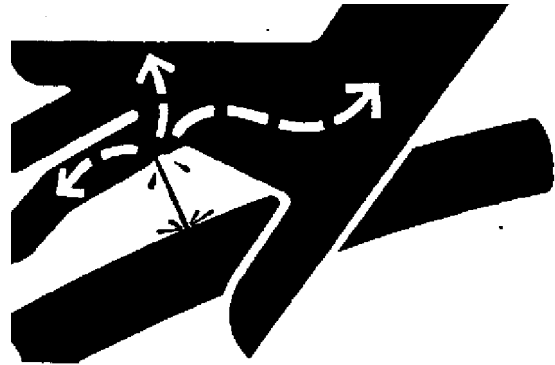
## AVOID HIGH-PRESSURE FLUIDS

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 -19-09AUG91

## DISPOSE OF WASTE PROPERLY

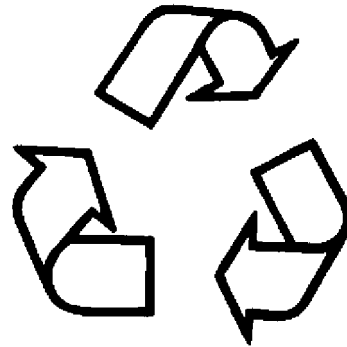
Improperly disposing of waste can threaten the environment and ecology. Potentially harmful waste used with John Deere equipment include such items as oil, fuel, coolant, brake fluid, filters, and batteries.

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 -19-09AUG91



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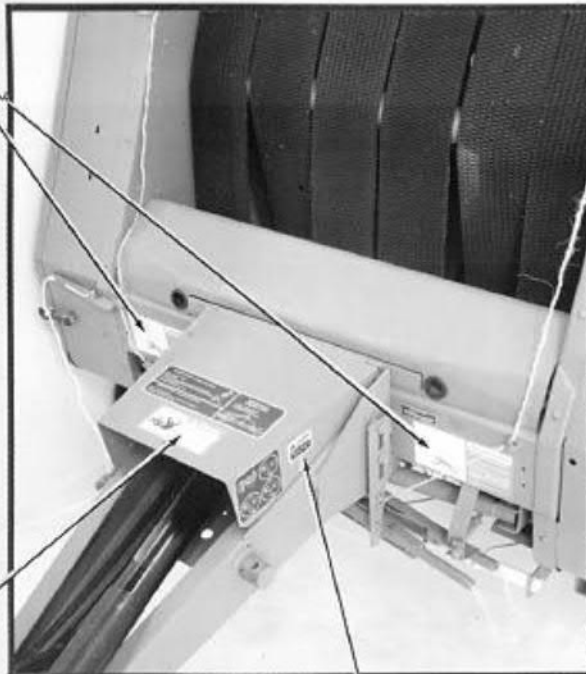
### **⚠ DANGER**

#### **DON'T TAKE CHANCES!**

To avoid injury or death by being pulled into the machine:

**DO NOT** attempt to feed crop or twine into baler or unplug feed area **WHILE BALER IS RUNNING**. The baler feeds material faster than you can release it.

Disengage PTO and shut off engine.



### **⚠ DANGER**

Entanglement in rotating driveline can cause serious injury or death.

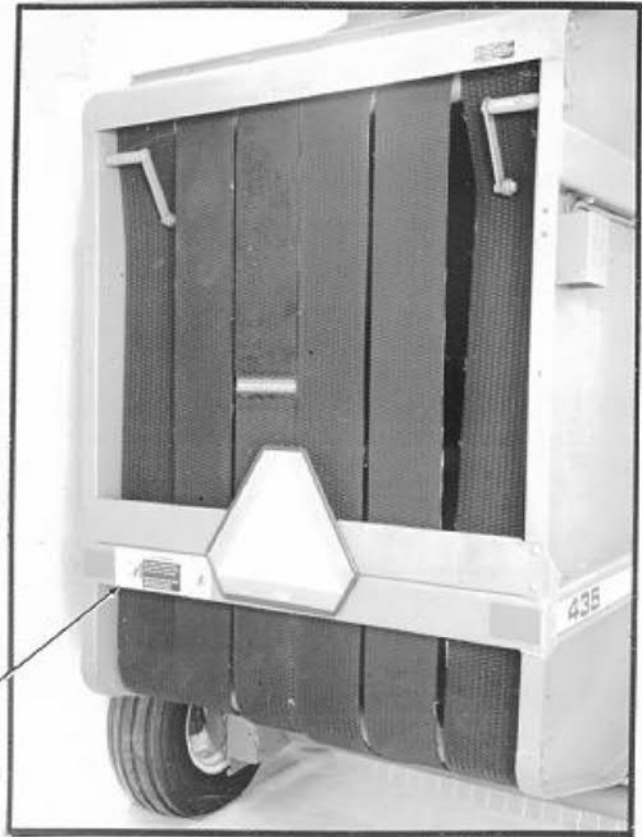
Keep all shields in place. Avoid contact with rotating parts.

### **⚠ CAUTION**

Operate only with  
540 rpm PTO

EX,435C,F -19-01SEP88

E32079 -19-23NOV88



	<p><b>⚠ WARNING</b></p> <p>HELP PREVENT CRUSHING INJURY: Be sure bystanders stand clear before operating gate and unloading bale.</p> <p>STAY CLEAR OF GATE AND/OR PUSH BAR while being raised or lowered. <u>WATCH FOR ROLLING BALE.</u></p>	
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E32080 -19-23NOV88

EX,435C,G -19-01SEP88

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