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

EX,435A,IFCOM -19-01MAY91

Contents

Page	Page
Safety	A dissation of
Preparing the Tractor Adjusting the Drawbar	Adjusting: Bale Density
Using Heavy-Duty Tractor Drawbar	Avoid Cycling While Servicing Baler
Preparing the BalerSelecting Twine15-1Loading Twine Boxes15-1Tying Sheet Bend Knot—Plastic Twine15-2Tying Modified Square Knot—Sisal Twine15-2Routing Twine From Right-Hand Twine15-2Box (Rear Arm)15-2Routing Twine From Left-Hand TwineBox (Front Arm)15-5Adjusting Twine Spacing15-8Tire Inflation15-9Attaching and Detaching20-1Transporting25-1	Lift
Handling Round Bales	Attachments
Operating the BalerBALE-TRAK Monitor35-1How the Baler Forms a Bale35-2Crop Preparation35-3Breaking-In35-3Adjusting Bale Size35-4Pale Paratite Course35-5	Lubrication and MaintenancePerform Lubrication and Maintenance45-1Alternative Lubricants45-1Hydraulic Pump Oil45-1Chains45-2Extreme Pressure Grease45-2
Bale Density Gauge	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.

OME82417 H2-19-15JUL92

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Contents

Page	Page
	Twine Cylinder Installation Dimensions
Gear Case Oil	(435)
Lubrication and Maintenance:	Adjusting:
Every 10 Hours	Twine Cutter Tension (535) 55-21
Every 30 Hours	Number of Twine Wraps on R-H End
Every 50 Hours	of Bale (535)
Every 100 Hours	Twine Arm Travel To Shift Valve (535) 55-23
Annually	Twine Cylinder Installation Dimensions
,	(535)
Troubleshooting	Adjusting:
Automatic Twine Wrap 50-1	Gate Latch Stop
BALE-TRAK Monitor Difficulties 50-9	Twine Indicator Retaining Strap 55-25
Feeding Difficulties 50-13	Checking Microswitches
Pickup Difficulties 50-15	Adjusting:
Bale Quality	Pump Idler Switch
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
	Oversize Bale Switch (Red Light) 55-29
Service	Variable Core Switch
Practice Safety	Bale Shape Senders
Mounting Tires	Pickup Belt Idler
BALE-TRAK Monitor and Baler Wiring	Removing Center and Rear Tension Arm
Diagram	Rolls
Bale Tension and Gate Hydraulic System 55-4	Removing Front Tension Arm Roll 55-34
Adjusting Chains	Installing Orifice in Tractors With Low
Adjusting Upper Drive Roll Chain	Hydraulic Flow
Servicing Upper Chain and Idler	Priming Twine Hydraulic Pump 55-35
Adjusting Drive Slip Clutch	Cleaning Pump Screen
Checking Belt Tracking	Raising Gate With Hoist
Adjusting: Belt Tracking	Checking Belt Pins
Lower Feed Roll Scraper	Installing Belts
Compression Spring Rod Stop Nuts 55-10	Repairing Belts
Bale Size Indicator	Belts Eligible for Warranty Replacement 55-44
Replacing Tension Wear Channel 55-12	Belts Not Eligible for Warranty
Checking Twine Trip Rod and Valve	Replacement
Latch Clearance	
Checking Maximum Size Bale Adjustment 55-14	Storage
Adjusting Twine Trip Rope 55-15	
Checking Knife Register 55-15	Crime Prevention Tips 65-1
Adjusting Twine Cutter Anvil 55-16	
Twine Arm Timing (435) 55-16	Specifications
Twine Arm Timing (535) 55-17	
Adjusting:	Index
Twine Cutter Tension (435) 55-17	
Number of Twine Wraps on R-H End	
of Bale (435)	
Twine Distance From R-H End of Bale (435) 55-19	
(435)	

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

-19-09JAN92

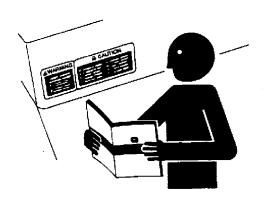
FOLLOW SAFETY INSTRUCTIONS

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.



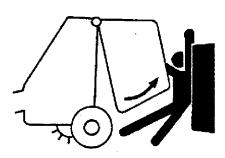
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DX,READ



PROTECT BYSTANDERS

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

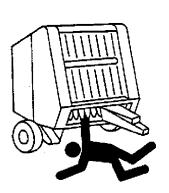


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OPERATE BALER SAFELY

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.



-UN-12SEP88

EX,435C,B

-19-01SEP88

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.





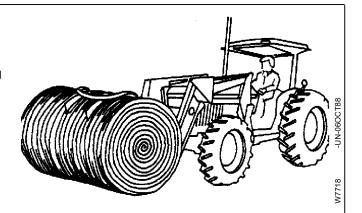
HANDLE ROUND BALES SAFELY

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.

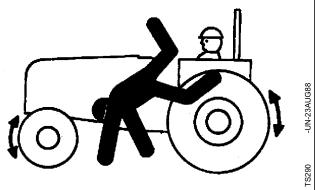


EX,435C,D -19-01SEP88

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.



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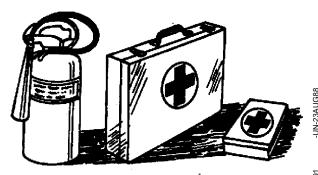
PREPARE FOR EMERGENCIES

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

Keep first aid kit handy.

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



EX,435C,J

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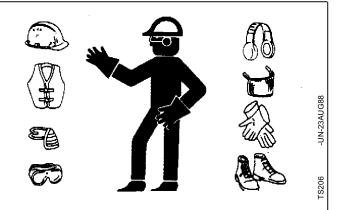
WEAR PROTECTIVE CLOTHING

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.





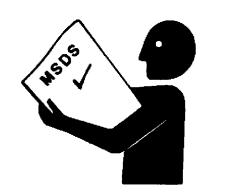
HANDLE CHEMICAL PRODUCTS SAFELY

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

-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

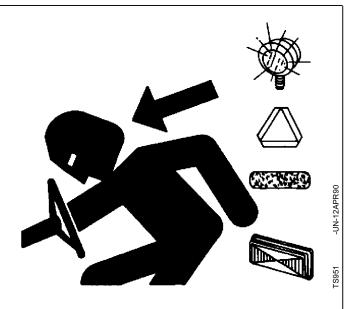
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USE SAFETY LIGHTS AND DEVICES

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

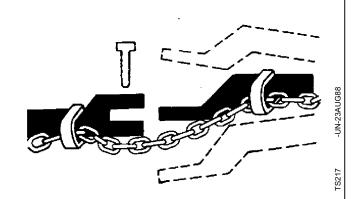


USE A SAFETY CHAIN

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.



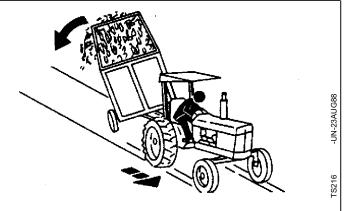
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REDUCE SPEED WHEN TOWING LOADS

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.





REMOVE PAINT BEFORE WELDING OR **HEATING**

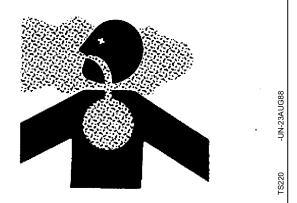
Avoid potentially toxic fumes and dust.

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:

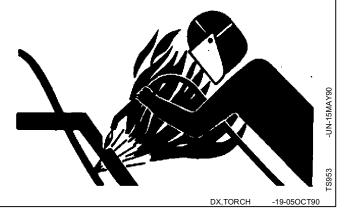
- If you sand or grind paint, avoid breathing the dust. Wear an approved respirator.
- If you use solvent or paint stripper, remove stripper with soap and water before welding. Remove solvent or paint stripper containers and other flammable material from area. Allow fumes to disperse at least 15 minutes before welding or heating.



DX,PAINT -19-04JUN90

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.





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

DISPOSE OF WASTE PROPERLY

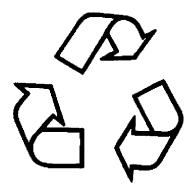
Improperly disposing of waste can threaten the environment and ecology. Potentially harmful waste used with John Deere equipment include such items as oil, fuel, coolant, brake fluid, filters, and batteries.

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.



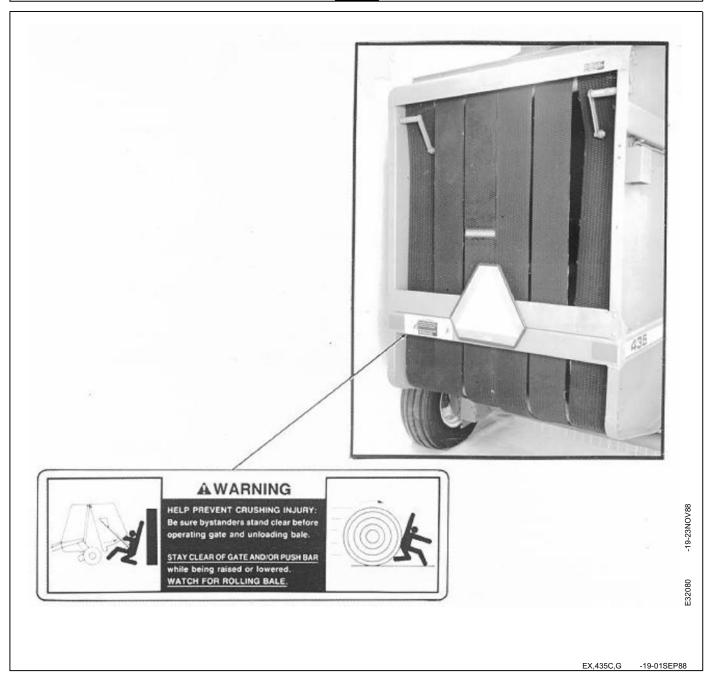
DX,DRAIN





EX,435C,F -19-01SEP88





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