Contents

SECTION 10—GENERAL
- Group 05—Safety
- Group 10—Specifications
- Group 15—General Information
- Group 20—Lubrication

SECTION 20—Drive Train
- Group 05—General Information
- Group 10—Diagnosing Malfunctions
- Group 15—Drive Train Protection
- Group 20—PTO Hookup
- Group 25—Gear Case Repair
- Group 30—Rolls and Roll Drives

SECTION 30—HYDRAULICS
- Group 05—General Information
- Group 10—Diagnosing Malfunctions
- Group 15—335, 375 and 385 Hydraulic System and Tests
- Group 20—335, 375 and 385 Tensioning Valve Repair
- Group 25—335, 375 and 385 Hydra-Selector Valve
- Group 30—435 and 535 Hydraulic System and Tests
- Group 35—435 and 535 Single Spool Valve
- Group 40—Cylinders

SECTION 40—TWINE MECHANISM
- Group 05—Diagnosing Malfunctions
- Group 10—335, 375 and 385 Twine Wrap System
- Group 15—435 and 535 Automatic Twine Wrap System

SECTION 50—SURFACE WRAP SYSTEM (SERIAL NO. —CC010000)
- Group 05—Diagnosing Malfunctions
- Group 10—Diagnosing Malfunctions
- Group 15—Surface Wrap Repair

SECTION 51—SURFACE WRAP SYSTEM (SERIAL NO. 880001—)
- Group 05—General Information
- Group 10—Diagnosing Malfunctions
- Group 15—Surface Wrap Repair

SECTION 60—ELECTRICAL
- Group 05—General Information
- Group 10—Diagnosing Malfunctions
- Group 15—435/535 Electrical Diagnostics
- Group 20—Tests and Adjustments
- Group 25—Electrical Diagrams

SECTION 70—PICKUP
- Group 05—Diagnosing Malfunctions
- Group 10—Pickup Repair

SECTION 80—MISCELLANEOUS
- Group 05—Wheel Repair
- Group 10—Gate Repair
- Group 15—335 and 375 Tension Arm Repair
- Group 16—385 Tension Arm Repair
- Group 20—435 and 535 Tension Arm Repair
- Group 25—Tongue
- Group 30—Belt Repair
- Group 35—Main Frame Repair

Index

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.

TM1472-19-06NOV95

COPYRIGHT© 1995
DEERE & COMPANY
Moline, Illinois
All rights reserved
A John Deere ILLUSTRUCTION™ Manual
Previous Editions
Copyright 1993, 1992, 1989 Deere & Company

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

10
20
30
40
50
51
60
70
80
INDX

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Section 10
GENERAL

Contents

Page

Group 05—Safety 10-05-1

Group 10—Specifications
335, 375 and 385 Round Balers 10-10-1
435 and 535 Round Balers 10-10-3
Cap Screw Torque Values 10-10-5

Group 15—General Information
335, 375 and 385 Baler Description 10-15-1
435 and 535 Baler Description 10-15-1

Group 20—Lubrication
Before Lubrication 10-20-1
Extreme Pressure Grease 10-20-1
Gear Oil 10-20-2
Twine Wrap System 10-20-2
Alternative and Synthetic Lubricants 10-20-3

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

HANDLE FLUIDS SAFELY—AVOID FIRES

When you work around fuel, do not smoke or work near heaters or other fire hazards.

Store flammable fluids away from fire hazards. Do not incinerate or puncture pressurized containers.

Make sure machine is clean of trash, grease, and debris.

Do not store oily rags; they can ignite and burn spontaneously.



TS227 -UN-23AUG88

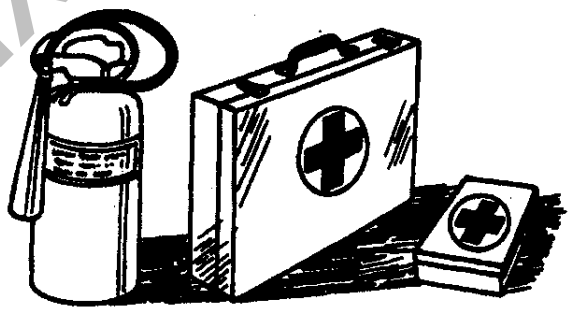
DX,FLAME -19-04JUN90

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.



TS291 -UN-23AUG88

DX,FIRE2 -19-03MAR93

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

10
05
2

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.



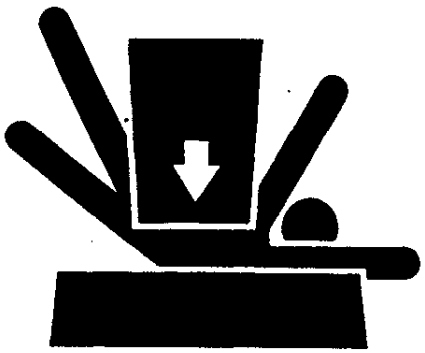
X9811 -UN-23AUG88

DX,FLUID -19-03MAR93

SUPPORT MACHINE PROPERLY

Always lower the attachment or implement to the ground before you work on the machine. If you must work on a lifted machine or attachment, securely support the machine or attachment.

Do not support the machine on cinder blocks, hollow tiles, or props that may crumble under continuous load. Do not work under a machine that is supported solely by a jack. Follow recommended procedures in this manual.



TS229 -UN-23AUG88

DX,LOWER -19-04JUN90

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

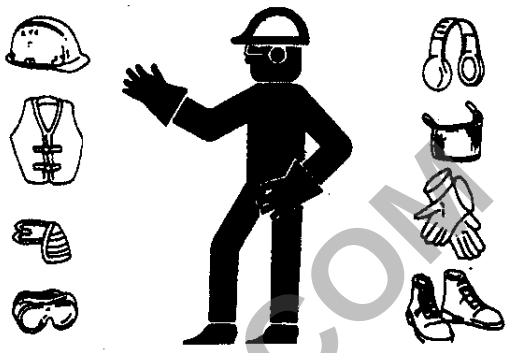
WEAR PROTECTIVE CLOTHING

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.



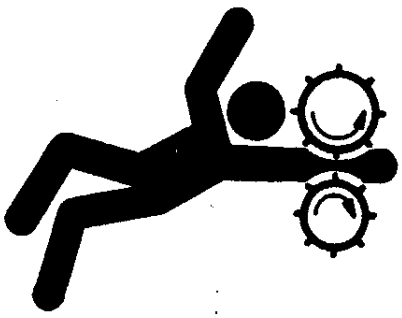
TS206 -UN-23AUG88

DX,WEAR -19-10SEP90

SERVICE MACHINES SAFELY

Tie long hair behind your head. Do not wear a necktie, scarf, loose clothing, or necklace when you work near machine tools or moving parts. If these items were to get caught, severe injury could result.

Remove rings and other jewelry to prevent electrical shorts and entanglement in moving parts.



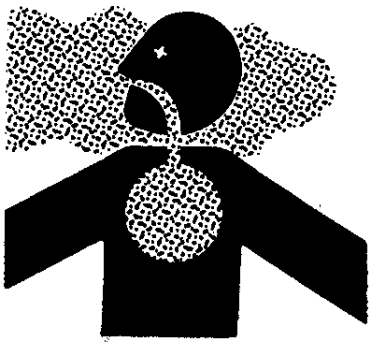
TS228 -UN-23AUG88

DX,LOOSE -19-04JUN90

WORK IN VENTILATED AREA

Engine exhaust fumes can cause sickness or death. If it is necessary to run an engine in an enclosed area, remove the exhaust fumes from the area with an exhaust pipe extension.

If you do not have an exhaust pipe extension, open the doors and get outside air into the area.



TS220 -UN-23AUG88

DX,AIR -19-04JUN90

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

ILLUMINATE WORK AREA SAFELY

Illuminate your work area adequately but safely. Use a portable safety light for working inside or under the machine. Make sure the bulb is enclosed by a wire cage. The hot filament of an accidentally broken bulb can ignite spilled fuel or oil.



TS223 -UN-23AUG88

DX,LIGHT -19-04JUN90

REPLACE SAFETY SIGNS

Replace missing or damaged safety signs. See the machine operator's manual for correct safety sign placement.



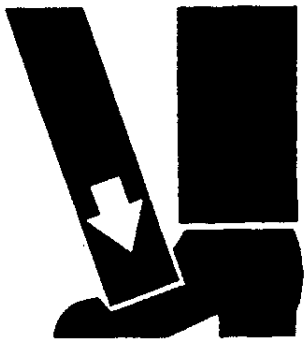
TS201 -UN-23AUG88

DX,SIGNS1 -19-04JUN90

USE PROPER LIFTING EQUIPMENT

Lifting heavy components incorrectly can cause severe injury or machine damage.

Follow recommended procedure for removal and installation of components in the manual.



TS226 -UN-23AUG88

DX,LIFT -19-04JUN90

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

STRAIGHTEN MAIN FRAME



1. Raise rear gate.

CAUTION: While working inside or around the baler with an open gate, the gate lock lever must be moved to the locked position. Use this safety feature any time the gate is open. Close the gate any time the baler must be left

PREVIEW - YOUFIXTHIS.COM

Blurred on purpose. The manual you buy has this page in full quality.

Download full manual at youfixthis.com

6. Check both side sheets using a straight edge. Mark the exact tight spot on each side sheet. Tight spot will be raised area on inside of baler.

The tight spot may not be the same area on each side sheet or one side sheet may be bowed and not the other. Pay close attention for possible tight spots at welds and channels.





Blurred on purpose. The manual you buy has this page in full quality.

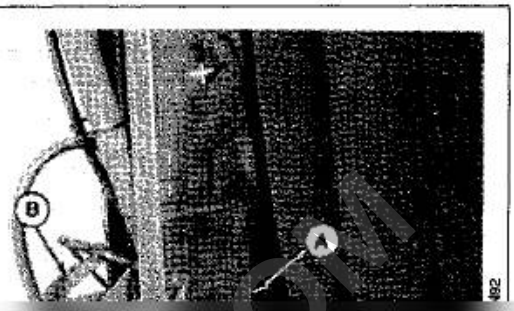
PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

7. Put a 300 mm (12 in.) square by minimum 19 mm (3/4 in.) thick steel plate (A) on the tight spot. Use a clamp (B) to hold the plate in position.

IMPORTANT: Tubing should be at least 1.2 m (4 ft) long to distribute force and not bend opposite side sheet.

8. Put a heavy wall steel tubing, approximately 50 mm x



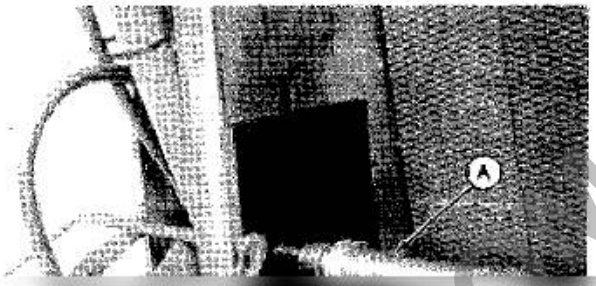
PREVIEW - YOUFIXTHIS.COM

Blurred on purpose. The manual you buy has this page in full quality.

Download full manual at youfixthis.com

CAUTION: To avoid personal injury, DO NOT use a hydraulic jack with blocks to spread side sheets. The blocks can twist and jackknife out of position.

9. Use a portable hydraulic cylinder (A) and pump to apply force to spread side sheet with smaller plate. Put the cylinder on the tight spot in line with the weld marks.



Blurred on purpose. The manual you buy has this page in full quality.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Index

Page

A

Adjust
- Bale shape senders (435, 535) 60-20-6
- Bale size indicator 80-16-1
- Bale size indicator (435, 535) 80-20-4
- Bale size switch (335—375—385) 60-20-2
- Belt tracking 20-30-38
- Cover latch 51-15-34
- Drive slip clutch (435—535) 20-15-3
- Feed roll pressure 50-15-6, 51-15-15
- Flashing yellow switch (435, 535) 60-20-4
- Front twine arm (if equipped) 40-10-3, 40-15-18
- Gate latch stop (435, 535) 80-10-9
- Gate latch switches (435—535) 60-20-3
- Gate lock rod (385) 80-10-9
- Hydra-selector valve 30-25-7
- Knife arm stop 50-15-2, 51-15-2
- Lower belt drive roll chain 20-30-30
- Lower front gate roll scraper 20-30-29
- Maximum bale size (335, 375, 385) . . . 60-20-3
- Microswitch 50-15-10, 51-15-5
- Number of twine wraps (435) 40-15-22
- Number of twine wraps (535) 40-15-25
- Oversize bale switch (435—535) 60-20-5
- Pickup belt idler 70-10-12
- Pickup drive chain 70-10-11
- Pickup float springs 70-10-12
- Pump drive latch for bale size 40-15-14
- Pump idler switch (435, 535) 60-20-5
- Rear mounts of lower surface wrap . . . 51-15-27
- Relief valve (435, 535) 30-30-14
- Roll box latch 50-15-15
- Roll support brackets 51-15-18
- Soft variable core switch 60-20-9
- Starter roll drive chain 20-30-33
- Take-up arm compression spring 80-16-1
- Take-up arm spring (435, 535) 80-20-3
- Twine arm and drive gear height 40-15-16
- Twine arm and gear height 40-10-2
- Twine arm switch (435—535) 60-20-4
- Twine arm to shift valve (535) 40-15-26
- Twine cutter anvil 40-10-4, 40-15-19
- Twine cutter contact bar 40-10-5, 40-15-20
- Twine cutter tension 40-10-5
- Twine cutter tension (435) 40-15-20
- Twine cutter tension (535) 40-15-24
- Twine distance (335/385) 40-10-7

Page

Adjust—Continued
- Twine distance (435) 40-15-22
- Twine trip rope 40-15-12
- Upper drive roll chain (335—375) 20-30-31
- Upper drive roll chain (435—535) . . . 20-30-32
- Upper roll drive chain (385) 20-30-32
- Valve latch clearance 40-15-12

Adjustable relief valve, check 30-30-15

Assemble
- Comer or Getafe gear case 20-25-14
- Pickup 70-10-10
- Superior gear case 20-25-5
- Tensioning valve 30-20-4
- Tooth bar 70-10-9
- Wheel 80-05-2

Attach
- Bale shape cables (335, 375, 385) 80-10-3

B

Bale shape cables (335, 375, 385)
- Attach 80-10-3

Bale shape indicator (435, 535)
- Check 60-20-8

Bale shape senders (435, 535), adjust . . . 60-20-6

Bale size indicator, adjust 80-16-1, 80-20-4

Bale size switch (335, 375, 385)
- Adjust 60-20-2

Bale switch oversize (435, 535)
- Adjust 60-20-5

Bale switch size (335, 375, 385)
- Test 60-20-1

BALE-TRAK Monitor Operation with
- Surface Wrap 51-05-4

Baler to 1000 rpm (435, 535)
- Convert 20-25-21

Bearings in converging wheel, replace . . . 80-05-3

Bearings in roll, replace 20-30-28

Bearings with cast housings, replace 20-30-27

Bearings, surface wrap 51-15-15

Belt
- Remove 50-15-13

Belt staggering roll, remove 20-30-13

Belt tracking
- Adjust 20-30-38
- Check 20-30-37

Belts
- Install 80-30-2
- Repair 80-30-4

Brake
- Check 50-15-11, 51-15-4

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Page

Brake Bar Tension
Decrease 51-15-32
Increase 51-15-31
Buzzer (435, 535), check 60-20-8

C

Cam follower bearings — wide pickup
Replace 70-10-13
Cam follower bearings, replace 70-10-3
Center tension arm rolls, remove
335, 375 20-30-23
385 20-30-23
435, 535 20-30-24
Chain, install 70-10-11
Check
Adjustable relief valve 30-30-15
Bale shape indicator (435, 535) 60-20-8
Belt tracking 20-30-37
Buzzer (435, 535) 60-20-8
Cover gas springs 51-15-29
Cover latch 51-15-34
Damaged seat or poppet in valve 30-20-7
Drive belt idler setting 51-15-16
Drive belt length 50-15-13
Fixed relief valve (435, 535) 30-30-16
Gate latch switch 60-20-12
Gate locking valve (435, 535) 30-35-2
Knife register 40-10-9, 40-15-18
Microswitch 51-15-5
Microswitches 60-20-11
Potentiometer (435, 535) 60-20-7
Sprocket alignment 20-30-34
Tension cylinder for leakage 30-15-11
Tension cylinder or gate cylinder 30-30-17
Twine arm hydraulic system 30-30-18
Twine pump pressure 40-15-4
Upper drive chain sprockets align 20-30-34
Wire for continuity (435, 535) 60-20-10
Check Brake 50-15-11, 51-15-4
Check valve, install correctly 30-30-14
Clean
Hydraulic filters 50-15-11
Pump screen 40-15-11
Comer or Getafe gear case
Assemble 20-25-14
Disassemble 20-25-9
Comer or getafe gear case
Inspect parts 20-25-13

Page

Constant velocity driveline
Disassemble 20-20-1
Remove 335, 375, 385 20-20-1
Remove 435, 535 20-20-1
Converging wheel pivot, remove plug . . . 80-05-5
Convert baler to 1000 rpm (435, 535) . . . 20-25-21
Cover gas springs, check 51-15-29
Cover latch
Adjust 51-15-34
Check 51-15-34
Cover/hinge seal, inspect 51-15-34

D

Damaged seat or poppet in valve, check . 30-20-7
Description
Auto twine wrap (435, 535) 40-15-2
Balers (335, 375, 385) 10-15-1
Balers (435, 535) 10-15-1
Drive train operation 20-05-1
Electrical system 60-05-1
Hydra-selec. valve (335, 375, 385) 30-25-1
Hydraulic system (435, 535) 30-30-2
Operating RPM 20-05-1
Pilot-operated check valve 30-15-2
Rolls and roll drives 20-30-1
Surface wrap 50-05-1, 51-05-3
Tensioning valve 30-15-1
335, 375, 385 Balers 10-15-1
435, 535 Balers 10-15-1
Diagnosing
Hydraulic functions 30-10-1
Twine wrap malfunctions 40-05-1
Diagnosing malfunctions
Electrical system (335, 375, 385) 60-10-1
Gear case 20-10-2
Pickup 70-05-1
Power train 20-10-1
Shear bolt 20-10-2
Slip clutch 20-10-3
Surface wrap 50-05-1, 50-10-1, 51-10-1
Diagnosing 435/535
Electrical malfunctions 60-10-2
Diagram of
Rolls and belt routing 20-30-3
Rolls and belt routing (335, 375) 20-30-2
Diagram of rolls and belt routing
335, 375 20-30-2
385, 435, 535 20-30-3
Diagrams
Hydra-selector valve 30-25-2

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Page

Disassemble
Comer or Getafe gear case 20-25-9
Constant velocity driveline 20-20-1
Driveline shear bolt hub 20-15-2
Pickup 70-10-6
Superior gear case (Aluminum Case) . . 20-25-2
Tension or gate cylinder 30-40-5
Tension valve (435, 535) 30-30-13
Twine and pickup lift cylinders 30-40-7
Disassemble and assemble
Wide pickup auger 70-10-18
Wide pickup forks 70-10-20
Disassemble, inspect and assemble
Wide pickup 70-10-16
Drive belt
Install 51-15-17
Remove 51-15-17
Drive belt idler arm
Install 51-15-18
Remove 51-15-18
Drive belt idler setting, check 51-15-16
Drive belt length, check 50-15-13
Drive roll, remove 50-15-3
Drive slip clutch, adjust
435, 535 20-15-3
Driveline shear bolt hub (335,375,385)
Disassemble 20-15-2
Driveline, inspect 20-15-3

E

Essential tools
Belts 80-30-1
Electrical system 60-20-1
Gear case 20-25-1
Hydraulic system (335, 375, 385) 30-15-1
Rolls and roll drives 20-30-1
Tensioning valve (335, 375, 385) 30-20-1

F

Feed roll pressure, adjust
Serial No. —880000 50-15-6
Serial No. 880001— 51-15-15
Feed roll, remove 50-15-4
Fixed low pressure relief valve, check . . . 30-30-16
Flashing yellow switch (435, 535)
Adjust 60-20-4
Front idler roll (435, 535), remove 20-30-25

Page

Front tension arm idler roll (435, 535)
Remove 20-30-25
Front tension arm rolls, remove
335, 375 20-30-23
385 20-30-23
Front twine arm (if equipped), adjust 40-10-3
Front twine arm (435, 535), adjust 40-15-18

G

Gas spring
Install alternate hole positions 51-15-33
Gate (335, 375, 385)
Install 80-10-3
Gate (435, 535)
Install 80-10-8
Gate cylinder
Disassemble 30-40-5
Leakage check 30-30-17
Remove (435, 535) 30-40-3
Gate latch stop (435/535), adjust 80-10-9
Gate latch switch
Check 60-20-12
Gate latch switches (435, 535)
Adjust 60-20-3
Gate lock rod (385), adjust 80-10-9
Gate locking valve (435, 535)
Check 30-35-2
Repair 30-35-3
Gate, remove
335, 375, 385 80-10-2
435, 535 80-10-7
Gate, straighten 80-10-1
Gear case
Remove 20-25-2
Gear case, install 20-25-18
Gear oil 10-20-2
Grease
Extreme pressure and multipurpose . . . 10-20-1

H

High pressure relief valve
Test (operating) 30-15-9
Test (Static) 30-15-10
Hydra-selector valve
Adjust 30-25-7
Description 30-25-1

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Page

Hydra-selector valve—Continued
Flow diagrams 30-25-2
Remove 30-25-3
Repair 30-25-5
Hydraulic filters
Clean 50-15-11
Remove 50-15-11
Hydraulic pump (435, 535), replace 40-15-5
Hydraulic system
Operation 30-05-1
Hydraulic system diagnosis
Bale tension and gate 30-15-3
Hydraulic system diagram
Surface wrapping 51-05-2

I

Inch torque values 10-10-5
Inspect
Cover/hinge seal 51-15-34
Driveline 20-15-3
Gear case parts 20-25-5
Pickup 70-10-8
Starter roll drive chain 20-30-33
Tensioning valve 30-20-3
Twine arm 40-15-27
Twine or lift cylinder 30-40-8
Wheel components 80-05-2
Inspection checklist, pickup 70-10-2
Install
Belt 50-15-13
Belts 80-30-2
Chain 70-10-11
Check valves correctly 30-30-14
Drive belt 51-15-17
Drive belt idler arm 51-15-18
Gate (335, 375, 385) 80-10-3
Gate (435, 535) 80-10-8
Gear case 20-25-18
Knife 50-15-1, 51-15-1
Lower feed roll 51-15-8
Lower gate roll 20-30-19
Lower rear gate roll 20-30-15
Lower surface wrap guide assembly . . . 51-15-26
Small steel roller 51-15-6
Tongue 80-25-1
Twine arm stop (435) 40-15-28
Twine arm stop (535) 40-15-28
Upper drive roll 51-15-12

Page

K

Knife
Install 50-15-1
Remove 50-15-1
Knife arm stop, adjust
Serial No. —880000 50-15-2
Serial No. 880001— 51-15-2
Knife register (435, 535), check 40-15-18
Knife register, check 40-10-9
Knife strike belt, replace 51-15-21

L

Lift cylinder, inspect 30-40-8
Low pressure relief valve, test 30-15-8
Lower belt drive roll chain, adjust 20-30-30
Lower belt drive roll, remove 20-30-5
Lower feed roll
Install 51-15-8
Remove 51-15-8
Lower front gate roll scraper, adjust 20-30-29
Lower gate roll
Install 20-30-19
Remove 20-30-17, 20-30-19
Lower gate roll, install
Surface wrap option 20-30-19
Lower gate roll, remove
Less surface wrap option 20-30-17
Surface wrap option 20-30-19
Lower rear gate roll, install
Surface wrap option 20-30-15
Lower rear gate roll, remove
Less surface wrap option 20-30-15
Surface wrap option 20-30-15
Lower surface wrap guide assembly
Install 51-15-26
Remove 51-15-26
Lubricant
Alternative 10-20-3
Synthetic 10-20-3

M

Maximum bale size (335, 375, 385),
Adjust 60-20-3
Metric torque values 10-10-6
Microswitch, adjust 50-15-10
Microswitches, check 60-20-11

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Page

Monitor, BALE-TRAK, Operation with
Surface Wrap 51-05-4

N

Number of twine wraps (435), adjust 40-15-22
Number of twine wraps, adjust
535 40-15-25

O

Oil Gear 10-20-2

P

Pickup
Assemble 70-10-10
Disassemble 70-10-6
Inspect 70-10-8
Remove 70-10-4
Pickup belt idler, adjust 70-10-12
Pickup drive chain, adjust 70-10-11
Pickup float springs, adjust 70-10-12
Pickup gauge wheel, repair 80-05-2
Pickup lift cylinders
Disassemble 30-40-7
Repair 30-40-7
Potentiometer (435, 535), check 60-20-7
PTO unit
With shear bolt 20-20-5
With slip clutch 20-20-6
Pump drive latch (bale size) 435, 535
Adjust 40-15-14
Pump idler switch (435, 535), adjust 60-20-5
Pump pulley (435, 535)
Remove 40-15-7
Replace 40-15-7
Pump screen (435, 535), clean 40-15-11

R

Rear mounts lower surface wrap, adjust . 51-15-27
Rear tension arm roll, remove
335, 375 20-30-22
385 20-30-22
Relief valve, adjust 30-30-14
Remove
Belt 50-15-13
Belt staggering roll 20-30-13

Page

Remove—Continued
Center and front tension arm rolls 20-30-23
Center and rear tension arm rolls 20-30-24
Constant velocity driveline 20-20-1
Drive belt 51-15-17
Drive belt idler arm 51-15-18
Drive roll 50-15-3
Feed roll 50-15-4
Foreign material from valve seat 30-20-7
Front idler roll (435, 535) 20-30-25
Front tension arm idler roll 20-30-25
Gate (335, 375, 385) 80-10-2
Gate (435, 535) 80-10-7
Gate cylinders (435, 535) 30-40-3
Gear case 20-25-2
Hydra-selector valve 30-25-3
Hydraulic filters 50-15-11
Knife 50-15-1, 51-15-1
Lower belt drive roll 20-30-5
Lower feed roll 51-15-8
Lower gate roll 20-30-19
Lower rear gate roll 20-30-15
Lower surface wrap guide assembly . . . 51-15-26
Pickup 70-10-4
Play from converging wheel pivot 80-05-5
Pump pulley 40-15-7
Rear tension arm roll (335, 375) 20-30-22
Rear tension arm roll (385) 20-30-22
Single spool valve (435, 535) 30-35-1
Small steel roller 51-15-6
Starter roll 20-30-4
Surface wrap unit 51-05-1
Tension arm 80-15-1
Tension cylinder (335, 375, 385) 30-40-1
Tension cylinders (435, 535) 30-40-2
Tensioning valve 30-20-2
Tongue 80-25-1
Top arm roll 20-30-12
Top idler roll 20-30-20
Twine arm 40-15-27
Twine cylinder 40-10-10, 40-15-27
Upper belt drive roll 20-30-7
Upper belt drive roll (385) 20-30-11
Upper drive roll 51-15-12
Upper rear gate roll 20-30-13
Wheel 80-05-1
Remove and install
Wide pickup 70-10-14
Repair
Belts 80-30-4
Gate locking valve (435, 535) 30-35-3

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Page

Repair—Continued
- Hydra-selector valve 30-25-5
- Pickup gauge wheel 80-05-2
- Single-spool valve (435, 535) 30-35-1
- Twine and pickup lift cylinders 30-40-7

Replace
- Bearings in converging wheel 80-05-3
- Bearings in roll 20-30-28
- Bearings with case housings 20-30-27
- Bearings with steel flangettes 20-30-28
- Cam follower bearings 70-10-3
- Cam follower bearings — wide pickup . 70-10-13
- Hydraulic pump 40-15-5
- Knife strike belt 51-15-21
- Pump pulley 40-15-7
- Starter roll drive chain 20-30-33
- Surface wrap bearings 51-15-15
- Surface wrap knife cylinders 51-15-20
- Teeth with pickup installed 70-10-3
- Tension arm (435, 535) 80-20-1
- Tension arm roller shaft or bolt 20-30-26
- Tension wear channel (335, 375) 80-15-4
- Tension wear channel (435, 535) 80-20-5

Roll box latch, adjust 50-15-15
Roll support brackets, adjust 51-15-18

S

Shear bolt (335, 375, 385)
- Correct 20-15-2
- Replacement 20-15-1

Single spool valve, (435, 535)
- Remove 30-35-1

Single-spool valve (435, 535)
- Repair 30-35-1

Small steel roller
- Install 51-15-6
- Remove 51-15-6

Soft variable core switch, adjust 60-20-9

Specifications
- Auto twine wrap (435, 535) 40-15-1
- Belts 80-30-1
- Drive train protection 20-15-1
- Gear case 20-25-1
- Hydraulic cylinders 30-40-1
- Hydraulic system (335, 375, 385) 30-15-1
- Hydraulic system (435, 535) 30-30-1
- Pickup 70-10-1
- Rolls and roll drives 20-30-1
- Round baler (335, 375, 385) 10-10-1

Page

Specifications—Continued
- Round baler (435, 535) 10-10-3
- Shear bolt 20-20-1
- Surface wrap 51-15-1
- Twine wrap (335, 375, 385) 40-10-1
- Wheel repair 80-05-1
- 335,375,385 10-10-1
- 435,535 10-10-3

Starter roll drive chain
- Adjust 20-30-33
- Inspect 20-30-33
- Replace 20-30-33

Starter roll, remove 20-30-4
Straighten gate 80-10-1
Super gear case (aluminum case) 20-25-8
Superior gear case
- Assemble 20-25-5
- Disassemble 20-25-2
- Exploded view 20-25-8
- Inspect parts 20-25-5

Surface Wrap (Serial No. 880001—)
- Adjust lower guide assembly 51-15-27
- Cover latch 51-15-34
- Drive belt idle setting 51-15-16
- Drive belt idler arm 51-15-18
- Feed roll pressure, adjust 51-15-15
- General Information 51-05-1
- Knife Arm Stop, Adjust 51-15-2
- Knife cylinder, replace 51-15-20
- Knife strike flap, replace 51-15-21
- Lower guide assembly 51-15-26
- Microswitch, and adjust 51-15-5
- Remove and install 51-15-1
- Roll support brackets, adjust 51-15-18
- Specifications 51-15-1
- Steel roller, remove and install 51-15-6
- Troubleshooting 51-10-1

Surface wrap bearings 51-15-15
Surface wrap bearings, replace 51-15-15
Surface wrap knife cylinders, replace 51-15-20
Surface wrap unit, remove 51-05-1
Surface wrapping
- Hydraulic system diagram 50-05-5

Synthetic Lubricants 10-20-3

T

Take-up arm compression spring, adjust . 80-16-1
Take-up arm spring (435, 535), adjust . . . 80-20-3
Teeth with pickup installed, replace 70-10-3
Tension arm (335, 375)
- Remove 80-15-1

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

PREVIEW ONLY

You're viewing 18 of 426 pages

The full manual includes:

- All 426 pages, complete
- Searchable PDF (find any keyword)
- No watermarks
- Instant download
- Print-ready quality

GET FULL MANUAL NOW

John Deere 335, 375, 385, 435, 535 Technical Manual

Scan or click anywhere
youfixthis.com

Click anywhere on this page to get the full manual