

3430 and 3830 Self Propelled Windrower

**John Deere Ottumwa Works
TM1314 (08APR02)**

LITHO IN U.S.A.
ENGLISH

Introductory Information

FOREWORD

This manual is written for an experienced technician. Essential tools required in performing certain service work are identified in this manual and are recommended for use.

Live with safety: Read the safety messages in the introduction of this manual and the cautions presented throughout the text of the manual.



This is the safety-alert symbol. When you see this symbol on the machine or in this manual, be alert to the potential for personal injury.

Technical manuals are divided in two parts: repair and diagnostics. Repair sections tell how to repair the components. Diagnostic sections help you identify the majority of routine failures quickly.

Information is organized in groups for the various components requiring service instruction. At the beginning of each group are summary listings of all applicable essential tools, service equipment and tools, other materials needed to do the job, service parts kits, specifications, wear tolerances, and torque values.

Binders, binder labels, and tab sets can be ordered by John Deere dealers direct from the John Deere Distribution Service Center.

This manual is part of a total product support program.

FOS MANUALS—REFERENCE

TECHNICAL MANUALS—MACHINE SERVICE

COMPONENT MANUALS—COMPONENT SERVICE

Fundamentals of Service (FOS) Manuals cover basic theory of operation, fundamentals of troubleshooting, general maintenance, and basic type of failures and their causes. FOS Manuals are for training new personnel and for reference by experienced technicians.

Technical Manuals are concise guides for specific machines. Technical manuals are on-the-job guides containing only the vital information needed for diagnosis, analysis, testing, and repair.

Component Technical Manuals are concise service guides for specific components. Component technical manuals are written as stand-alone manuals covering multiple machine applications.



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Dealer Presentation Letter

JOHN DEERE DEALERS

IMPORTANT: Please remove this page and route through your service department.

NOTE: If you have a loose leaf binder, replace these sections.

If you have a hard bound manual, place these pages with your manual and note outdated pages bound in the manual.

This is a partial revision of TM1314, 3430 / 3830 Self Propelled Windrower.

Listed below is a brief explanation of what was changed.

Sections 40 / 240 Electrical

New starter and alternator used on 3430 and 3830.

Corrected diagnostics, wiring diagrams, and repair procedures.

All serial number breaks are noted.

Sections 50 / 250 Power Train

New power wheel used on 3830.

Corrected diagnostics, and repair procedures.

All serial number breaks are noted.

Sections 70 / 270 Hydraulics

Corrected diagnostics, JIC diagrams, and repair procedures.

All the hydraulic valves are discussed and demonstrated.

Internal pressure and flow changes have been corrected.

Changes in the hydraulic line routings are shown.

All serial number breaks are noted..

Contents

SECTION 00—Safety

- Group 35—Final Drive Motor Repair
- Group 40—Platform Drive Shaft

SECTION 10—GENERAL

- Group 00—Specifications, Torques, and Special Tools
- Group 05—After-Sales Services
- Group 10—Tune-Up
- Group 15—Diagnosing and Testing Procedures
- Group 20—Engine Removal

SECTION 20—ENGINE REPAIR

- Group 05—Cylinder Head, Valves, Timing Gear Train, Camshaft, and Balancer Shaft
- Group 10—Cylinder Block, Liners, Pistons, and Rods
- Group 15—Crankshaft, Main Bearing, and Flywheel
- Group 20—Lubrication System
- Group 25—Cooling System

SECTION 30—FUEL AND AIR REPAIR

- Group 05—Air Intake System
- Group 10—Fuel System

SECTION 40—ELECTRICAL REPAIR

- Group 00—Specifications, Torques and Essential Tools
- Group 05—Battery Repair
- Group 10—Charging System Repair
- Group 15—Starting System Repair
- Group 20—Lights, Instruments and Wiring Diagrams
- Group 25—Rotary Screen Motor Repair (3830)

SECTION 50—POWER TRAIN REPAIR

- Group 00—Specifications, Torques, and Special Tools
- Group 05—Flushing the Hydrostatic System
- Group 10—Power Wheel (3430)
- Group 15—Power Wheel (3830)
- Group 20—Hydrostatic Pumps
- Group 25—Charge Pump
- Group 30—Final Drive Motor Removal

SECTION 60—STEERING AND BRAKES REPAIR

- Group 00—Specifications and Torques
- Group 05—Steering and Ground Speed Controls
- Group 10—High-Low Range
- Group 15—Brakes

SECTION 70—HYDRAULIC REPAIR

- Group 05—Lift Cylinders
- Group 10—Platform Lift Valves

SECTION 80—MISCELLANEOUS

- Group 05—Diagnosing Malfunctions
- Group 10—Rotary Air Screen (3830)
- Group 15—Rear Axle

SECTION 90—OPERATOR'S STATION REPAIR

- Group 00—Specifications, Torques, and Special Tools
- Group 05—Pressurizer System
- Group 10—Air Conditioning System
- Group 15—Cab Removal
- Group 20—Heating System
- Group 25—PERSONAL POSTURE™ Seat (3830)
- Group 30—Miscellaneous Components

SECTION 100—PLATFORM POWER TRAIN

- Group 00—Specifications, Torques, and Special Tools
- Group 05—PTO Hookup
- Group 10—Platform Gear Case
- Group 15—Right and Left-Hand Cross Shafts

SECTION 110—PLATFORM REEL

- Group 00—Specifications and Torques
- Group 05—Diagnosing Malfunctions
- Group 10—Reel

SECTION 120—PLATFORM AUGER

- Group 00—Specifications and Torques
- Group 05—Diagnosing Malfunctions

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.

TM1314-19-08APR02

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Group 10—Auger

SECTION 130—PLATFORM CUTTING COMPONENTS

- Group 00—Specifications, Torques, and Special Tools
- Group 05—Diagnosing Malfunctions
- Group 10—Cutterbars
- Group 15—Knife Drive Case

SECTION 140—PLATFORM CONDITIONERS

- Group 00—Specifications and Torques
- Group 05—Diagnosing Malfunctions
- Group 10—Conditioners

SECTION 220—ENGINE OPERATION AND TESTS

- Group 00—Specifications, Torques, and Special Tools
- Group 05—System Operation
- Group 10—System Diagnosis and Tests

SECTION 230—FUEL/AIR OPERATION AND TESTS

- Group 00—Specification and Special Tools
- Group 05—Air Intake System
- Group 10—Diesel Fuel System

SECTION 240—ELECTRICAL OPERATION AND TESTS

- Group 00—Specifications, Torques, and Essential Tools
- Group 05—Battery Testing
- Group 10—Charging Circuit Diagnosis
- Group 15—Starting Circuit Diagnosis
- Group 20—Lights, Instruments, and Diagrams
- Group 25—Rotary Air Screen (3830)

SECTION 250—POWER TRAIN OPERATION AND TESTS

- Group 00—Specifications and Special Tools
- Group 05—Diagnosing Malfunctions
- Group 10—Testing Hydrostatic System

SECTION 260—STEERING/BRAKES OPERATION

- Group 05—Diagnosing Malfunctions
- Group 10—Steering and Ground Speed Controls
- Group 15—Brakes

SECTION 270—HYDRAULIC OPERATION AND TESTS

- Group 00—Specifications and Special Tools
- Group 05—Diagnosing Malfunctions
- Group 10—Testing Hydraulic System

SECTION 290—OPERATOR STATION OPERATION AND TESTS

- Group 00—Specifications, Torques and Special Tools
- Group 05—Pressurizer System
- Group 10—Air Conditioning System Operation
- Group 15—Air Conditioning System Tests and Diagnosis
- Group 20—Heating and System Operation and Tests

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