

# 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

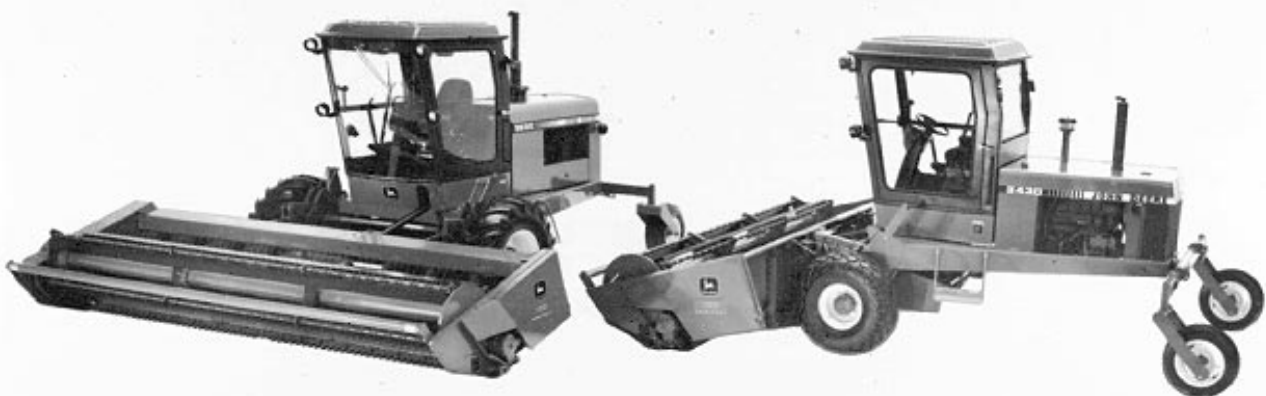
TECHNICAL MANUALS—MACHINE SERVICE

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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EX, TM1314, IFC -19-07JUL93

# 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..

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*Dealer Presentation Letter*

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*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.*

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