

7630  
7730  
7830  
7930

# Tractors Repair



## TECHNICAL MANUAL 7630, 7730, 7830, and 7930 Tractors Repair

TM2266 13JAN10 (ENGLISH)

For complete service information also see:

|   |        |
|---|--------|
| 7630, 7730, 7830, and 7930 Tractors:<br>- Operation and Test.....                       | TM2234 |
| POWERTECH® 4.5L & 6.8L Diesel Engines<br>Base Engine:<br>- Repair (North American)..... | TM104  |
| PowerTech Plus® 6.8L Diesel Engines<br>14 Electronic Fuel System with Denso             |        |
| Alternators and Starting Motors .....   |        |
| Engine Accessories .....  |        |
| GreenStar™ 2 Diagnosis and Tests Manual .....   | TM101  |
| AutoTrac Universal Diagnosis and Test<br>Manual .....                                   | TM1128 |



John Deere Waterloo Works  
LITHO IN U.S.A.




# Introduction

## 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 operation and tests. Repair sections tell how to repair the components. Operation and tests 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.

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

Fundamental service information is available from other sources covering basic theory of operation, fundamentals of troubleshooting, general maintenance, and basic type of failures and their causes.

DX, TM/FC -19-29SEP98-1/1

## Dealer Predelivery Information Form

The John Deere Predelivery Form, when properly filled out and signed by dealer, verifies predelivery and delivery services were satisfactorily performed.

Because of the shipping factors involved, plus extra finishing touches necessary to promote customer

satisfaction, there are certain predelivery services that must be performed by the dealer. These services are listed on the predelivery form with the tractor.

Perform all services listed and check each job off as it is completed. Fill form out completely and sign it.

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*Original Instructions. 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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## Section 10 General Information

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Thank you very much  
for your reading.  
Please click here  
to get more information.