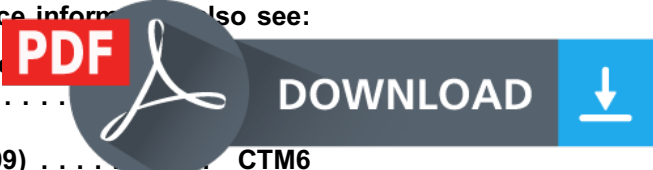


8560 8760, and 8960 Tractors Repair

For complete service information, also see:

8560, 8760, and 8960 Tractors Operation and Tests	CTM6
6076 Engine Serial Number (-499999)	CTM42
Serial Number (500000-)	CTM20
6101 Engine	CTM7
Radial Piston Pumps	CTM11
Engine Accessories	CTM18
1600 Series Axles	



John Deere Waterloo Works
TM1433 (19JUL01)

LITHO IN U.S.A.
ENGLISH

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 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.

NOTICE TO THE DEALER

IMPORTANT: The changes listed below make your current TM obsolete. Discard TM1433 dated 23MAY91. Please make this information available to your service department.

• SECTION 20—

Dynamometer Test moved to TM1434

• SECTION 30—

Some information has been eliminated since it appears in the Operator's Manual

• SECTION 40—

Added New Wiring Harnesses
Added Hitch Draft Sensing

• SECTION 50—

24-Speed MST Hi-Lo Clutch Changes
Revised Section 50 Groups

• SECTION 55—

Revised Transmission Repair Procedures

• SECTION 60—

Added Steering Valve Warm-up Check Valve

• SECTION 70—

Added New Hydraulic Circuit
Revised Section 70 Groups

• SECTION 80—

Revised Wheels—Group 05

• SECTION 90—

Revised Air Quality System Repair

Major revisions to this TM are listed above. Some Sections and Groups will have specification, procedure, or formatting changes not listed on this notification.

RX, TM1433, DLR -19-09MAR92

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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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