

4555, 4755, 4955 and 4560, 4760, 4960 Tractors Repair

For complete service information also see:

4555-4955 and 4560-4960 Tractors	
Operation and Tests	CTM11
6076 Engines	CTM11
Radial Piston Pumps	CTM11
Engine Accessories	CTM11
MFWD Axles 1100 Series	CTM17



John Deere Waterloo Works
TM1460 (15MAY01)

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
55 SERIES AND 60 SERIES TRACTORS**

This technical manual covers repair information for 4555, 4560, 4755, 4760, 4955, and 4960 tractors for North America. This manual also covers 4755 and 4955 tractors for the European market.

NOTE: The changes listed below make your current TM obsolete. Discard TM1460 dated 06Jul90. Please remove this page and route through your service department.

Repair information will cover all models. Photographs will generally show VERSION A tractors, however, VERSION B tractors will be called out where major differences exist. See reference below.

Version A

**55 Series Tractors North America
(All)**

**4755—4955 Tractors European Market
(—040000)**

Version B

**60 Series Tractors North America
(All)**

**4755—4955 Tractors European Market
(040001—)**

TECHNICAL MANUAL CHANGES

- SECTION 05—

Added Safety as a Separate Section

- SECTION 20—

Access to Injection Nozzles and Valve Cover on Version B Tractors

- SECTION 30—

Revised Air Intake Procedure

- SECTION 40—

Added Version B Harness Routings

- SECTION 50—

Revised Transmission Repair Procedures

- SECTION 55—

Revised Transmission Repair Procedures

- SECTION 70—

Pump Installation Timing

- SECTION 80—

Revised Rear Wheel Adjustment Procedure

- SECTION 90—

Added SOUND-GARD Door Adjustment

- SECTION 99—

Revised Dealer Fabricated Tools

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,TM1460,DLR1 -19-04SEP91

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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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to get more information.