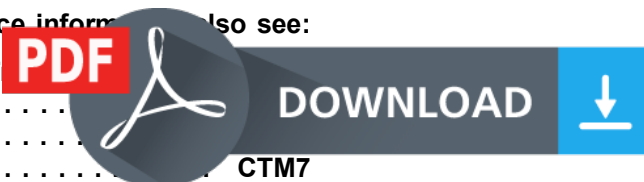


4555, 4755, 4955 and 4560, 4760, 4960 Tractors Operation and Test

For complete service information, also see:

4555-4955 and 4560-4960 Tractors	
Repair	
6076 Engines	
Radial Piston Pumps	CTM7
Engine Accessories	CTM11
MFWD Axles 1100 Series	CTM17



John Deere Waterloo Works
TM1461 (21MAY01)

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 Dealers

NOTICE TO THE DEALER 55 SERIES AND 60 SERIES TRACTORS

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

Diagnosis and theory of operation information will cover all models. Photographs will generally show VERSION A tractors, however, VERSION B tractors will be called out where major differences exist.

NOTE: The changes listed below make your current TM obsolete. Discard TM-1461 dated 13Jul90. Please remove this page and route through your service department.

- Primary changes add coverage of North American 60 Series tractors. Also, coverage of European 55 Series tractors (starting with serial number 010001—) is added. See previous paragraphs explaining Version A and Version B tractors.

Version A

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

**4755—4955 Tractors European Market
(—010000)**

Version B

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

**4755—4955 Tractors European Market
(010001—)**

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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.