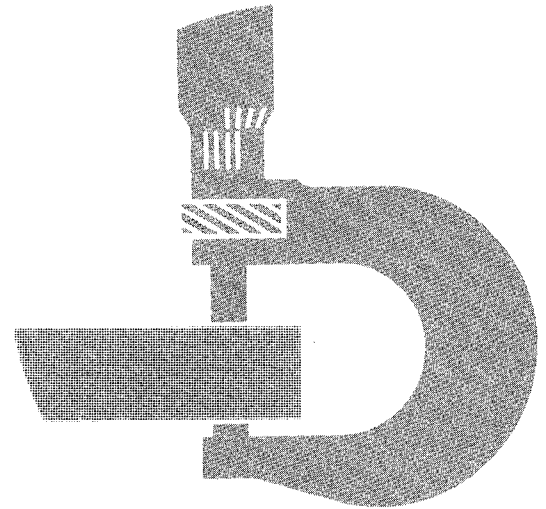


4055, 4255, and 4455 Tractors Operation and Tests

TECHNICAL MANUAL



For complete service info

4055, 4255, and 4455 Tractors	
Repair	TM1458
6076 Engine	CTM6
Radial Piston Pumps	CTM7
Engine Accessories	CTM11
MFWD Axles, 1100 Series	CTM17

TM1459 (01NOV90)

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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 DEALERS

IMPORTANT: The changes listed below make your current Tech Manual obsolete. Discard TM-1459 dated Jun-89. Please remove this page and route through your service department.

The following revisions were made to this Tech Manual:

SECTION 240: Radar sensor calibration information (for early and late versions) has been added to Group 10D. Tachometer calibration and performance monitor operation has been moved from Group 20 into Group 10D. Group 20 has been deleted.

SECTION 250: The MFWD circuit has been revised to reflect the new "brake assist" feature. The wall chart reflects the new MFWD circuit. The early version MFWD circuit schematic is covered in Section 250.

SECTION 255: The MFWD circuit has been revised to reflect the new "brake assist" feature. The wall chart reflects the new MFWD circuit. The early version MFWD circuit schematic is covered in Section 255. Art showing "PST Control Valve Test Port Locations" has been added (Group 10).



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