

AMT600, AMT622 and AMT626 All Material Transporters

For complete service information also see:

**John Deere K Series Air Cooled
Engines CTM5**

**John Deere Horicon Works
TM1363 (15AUG91)**

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, other materials needed to do the job and service parts kits.

Section 10, Group 15—Repair Specifications, consist of all applicable specifications, wear tolerances and specific torque values for various components on each individual machine.

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.

JOHN DEERE DEALERS

This is a complete revision for TM1363 AMT600 and AMT622 All Material Transporter.

Discard TM1363 dated (09MAY90) and replace with this manual.

New information added to this manual includes:

1. AMT626 repair and diagnostic information.
2. Fuel pump is no longer serviceable.
3. Steering gear repair information has been revised as a result of a steering ratio change.

4. Rear axle installation procedure was changed to improve brake disk alignment.

5. Long axle extension kit specifications were added to axle installation procedures.

NOTE: For complete engine repair information, CTM5 John Deere K-Series Air Cooled Engines Component Technical Manual is also required. Use the component technical manual in conjunction with this machine manual.

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