

744H 4WD Loader and 744H MH Material Handler Diagnostic



OPERATION AND TEST MANUAL

4WD Loaders models 744H; Material Handler models 744H MH

TM1602 22 FEB 05 (ENGLISH)

For complete service information also see:

| | |
|-------------------------------------------------------------------------------------------|--------|
| 744H Loader and 744H MH Material Handler Repair | TM1603 |
| Alternators and Starting Motors | CTM77 |
| OEM Engine Accessories | CTM67 |
| TeamMate II 1200, 1400, and 1600 Series Inboard Planetary Axles | CTM43 |
| PowerTech 10.5 L & 12.5 L Diesel Engines, Level 6 Electronic Fuel Systems with Lucas EUIs | CTM188 |
| PowerTech 10.5L and 12.5L, 6105 and 6105A Engines, Level 6, Electronic Fuel System | CTM100 |
| PowerTech 10.5 L & 12.5 L Diesel Base Engines | CTM100 |

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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 operation and tests. Repair sections tell how to repair the components. Operation and tests 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.

Technical Manuals are concise guides for specific machines. They are on-the-job guides containing only the vital information needed for diagnosis, analysis, testing, and repair.

Fundamental service information is available from other sources covering basic theory of operation, fundamentals of troubleshooting, general maintenance, and basic type of failures and their causes.

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|------|---|------|---|------|---|-----------|---|-----------|----|
| Poor | | Fair | | Good | | Very Good | | Excellent | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

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