

744J and 824J Loader Repair



REPAIR TECHNICAL MANUAL

4WD Loaders models 744J, 824J

TM2084 22 FEB 16 (ENGLISH)

For complete service information also see:

185 Series Hydraulic Cylinders	TM-H185A
744J and 824J Loader Diagnostic	TM2083
JDLINK (MTG) Technical Manual	TM114519
Alternators and Starting Motors	CTM77
TeamMate II 1200, 1400, and 1600 Series Inboard Planetary Axles	CTM43
Super Caddy Oil Cleanup Procedure	
PowerTech 10.5 L & 12.5 L Diesel Engines, Lucas EUIs	
TeamMate II 1600 Series Inboard Planetary Axles	CTM138719
120 Series Hydraulic Cylinders	CTM120519
PowerTech 10.5L and 12.5L, 6105 and 6125 Diesel Engines (With Lucas Engine Controllers, Level 6, Electronic Fuel System), Op & Test	CTM115
185 Series Hydraulic Cylinders	CTM114919
120 Series Hydraulic Cylinders	CTM114319
JDLINK/ZXLINK Machine Monitoring System	CTM10006
PowerTech 10.5 L & 12.5 L Diesel Base Engine	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.



CAUTION:

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.



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