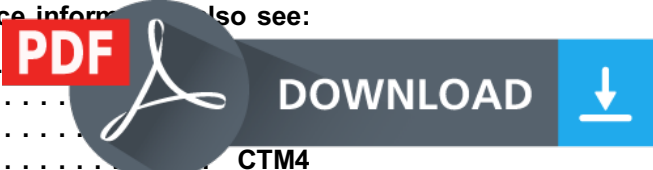


# 655B and 755B Crawler Loader Repair

For complete service information, also see:

655B and 755B Crawler Loader	
Operation and Test .. . . .	
6068 Engine .. . . .	
6414 Engine .. . . .	CTM4
Starting Motor and Actuator .. . . .	CTM77
Undercarriage Appraisal Manual .. . . .	SP326



**John Deere Dubuque Works**  
**TM1478 (11MAY94)**

LITHO IN U.S.A.  
ENGLISH

**655B and 755B Crawler Loader  
Repair**

**TM1478 (11MAY94)**



# 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.

**N** 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.

## JOHN DEERE DEALERS

**IMPORTANT: Please remove this page and route through your service department.**

This is a complete revision for TM-1478, 655B and 755B Crawler Loader.

Listed below is a brief explanation of "WHAT" was changed and "WHY" it was changed.

1. Removal and installation, disassembly and assembly of control pump and transmission charge pump, Group 0360.
2. Current information on fuel injection timing.
3. Current information on the air conditioning systems.
4. Current information on loader control valve.





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