

655B, 755B Crawler Loader Operation and Test



TECHNICAL MANUAL

For complete service information also see:

655B, 755B Crawler Loader

Repair

6414 Engine

6068 Engine

Engine Accessories

Undercarriage Appraisal Manual SP326

PDF



DOWNLOAD



John Deere Dubuque Works
TM1333 (05JAN94)

LITHO IN U.S.A.
ENGLISH

REFERENCE COPY

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 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.

Contents

SECTION 9000—GENERAL INFORMATION

- Group 01—Safety Information
- Group 02—General Specifications
- Group 03—Torque Values
- Group 04—Fuels and Lubricants

SECTION 9005—OPERATIONAL CHECKOUT PROCEDURE

- Group 10—Operational Checkout Procedure

SECTION 9010—ENGINE OPERATION AND TESTS

- Group 05—Theory Of Operation
- Group 10—System Operation Checks
- Group 15—Diagnostic Information
- Group 20—Adjustments
- Group 25—Tests

SECTION 9015—ELECTRICAL SYSTEM

- Group 05—Theory of Operation
- Group 10—System Operational Checks
- Group 15—Diagnostic Information
- Group 20—Adjustments
- Group 25—Test

SECTION 9020—POWER TRAIN

- Group 05—Theory Of Operation
- Group 10—System Operational Checks
- Group 15—Diagnostic Information
- Group 20—Adjustments

SECTION 9025—HYDRAULICS

- Group 05—Theory Of Operation
- Group 15—Diagnostic Information
- Group 25—Tests

SECTION 9026—HYDROSTATIC SYSTEM

- Group 05—Theory of Operation
- Group 10—Operational Checkout Procedure
- Group 15—Diagnostic Information
- Group 25—Tests

SECTION 9031—HEATING AND AIR CONDITIONING

- Group 05—Theory of Operation
- Group 10—System Operational Checks
- Group 15—Diagnostic Information
- Group 20—Adjustments
- Group 25—Test

SECTION 9900—DEALER FABRICATED TOOLS

- Group 99—Dealer Fabricated Tools

Index

All information, illustrations and specifications in this manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.

TM1333-19-05JAN94

COPYRIGHT® 1994
DEERE & COMPANY
Moline, Illinois
All rights reserved
A John Deere ILLUSTRATION® Manual
Previous Editions
Copyright® 1988, 1986, 1985 Deere & Company

Contents

9000

9005

9010

9015

9020

9025

9026

9031

9900

INDX

Section 9000

GENERAL INFORMATION

Contents

Page

Group 01—Safety Information

Safety Messages 9000-01-1

Group 02—General Specifications

655B Machine 9000-02-1

Engine 9000-02-2

Buckets 9000-02-3

755B Machine 9000-02-4

Engine 9000-02-5

Buckets 9000-02-6

Attachments 9000-02-7

Drain and Refill Capacities 9000-02-7

Group 03—Torque Values

Track Shoe Bolt 9000-03-1

Master Link Track Shoe Bolt 9000-03-2

O-Ring Boss Fittings 9000-03-10

Flat Face O-Ring Seal Fittings 9000-03-11

Four Bolt Flange Fittings 9000-03-12

Group 04—Fuels and Lubricants

Fuel 9000-04-1

Diesel Fuel 9000-04-2

Engine Oil 9000-04-3

Hydraulic Oil 9000-04-4

Splitter Gearbox Oil 9000-04-4

Transmission Oil 9000-04-5

Inner and Outer Final Drives Oil 9000-04-6

Track Rollers 9000-04-6

Grease 9000-04-7



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