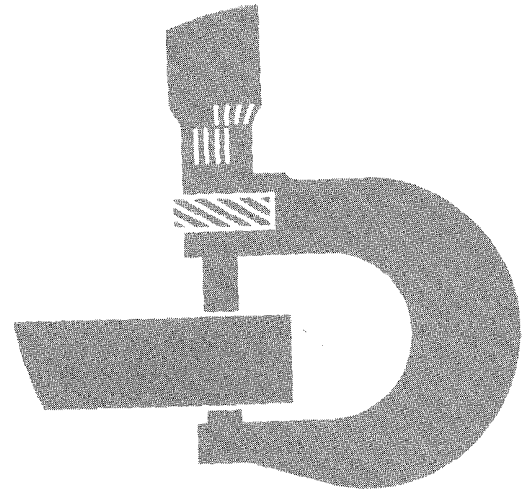


# 992D-LC Excavator



## TECHNICAL MANUAL

TM1463 (23OCT89)  
LITHO IN U.S.A.

## 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, service equipment and tools, other materials needed to do the job, service parts kits, specifications, wear tolerances, and torque values.

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.

# Contents

## **SECTION I—GENERAL INFORMATION**

- Group I—Safety
- Group II—General Specifications
- Group III—Torque Values
- Group IV—Fuels and Lubricants
- Group V—Inspection Procedures
- Group VI—Predelivery Assembly Instructions

## **SECTION 01—TRACKS**

- Group 0130—Track System

## **SECTION 02—AXLES AND SUSPENSION SYSTEMS (PROPEL)**

- Group 0250—Axle Shaft, Bearings, and Reduction Gears
- Group 0260—Hydraulic System

## **SECTION 04—ENGINE**

- Group 0400—Removal and Installation

## **SECTION 05—ENGINE AUXILIARY SYSTEMS**

- Group 0505—Cold Weather Starting Aids
- Group 0510—Cooling System
- Group 0515—Speed Controls
- Group 0520—Intake System
- Group 0530—External Exhaust System
- Group 0560—External Fuel Supply Systems

## **SECTION 07—CONNECTOR DRIVE**

- Group 0752—Elements

## **SECTION 08—SPLITTER DRIVE**

- Group 0800—Removal and Installation
- Group 0851—Gears, Shafts, and Bearings

## **SECTION 16—ELECTRICAL SYSTEM**

- Group 1671—Batteries, Support and Cables
- Group 1672—Alternator, Regulator and Charging System Wiring
- Group 1674—Wiring Harness and Switches
- Group 1676—Instruments and Indicators
- Group 1677—Motor and Actuators

## **SECTION 17—FRAME, CHASIS OR SUPPORTING STRUCTURE**

- Group 1740—Frame Installation
- Group 1749—Chassis Weights

## **SECTION 18—OPERATOR'S STATION**

- Group 1800—Removal and Installation
- Group 1810—Operator Enclosure
- Group 1821—Seat and Seat Belt
- Group 1830—Heater and Air Conditioning

## **SECTION 19—SHEET METAL AND STYLING**

- Group 1910—Hood or Engine Enclosure

## **SECTION 20—SAFETY, CONVENIENCE, AND MISCELLANEOUS**

- Group 2004—Horn and Warning Devices

## **SECTION 33—EXCAVATOR**

- Group 3302—Buckets
- Group 3340—Frames
- Group 3360—Hydraulic System

## **SECTION 43—SWING, ROTATION OR PIVOTING SYSTEM**

- Group 4311—Brakes
- Group 4350—Mechanical Drive Elements
- Group 4360—Hydraulic System

## **SECTION 99—DEALER FABRICATED TOOLS**

- Group 9900—Dealer Fabricated Tools

*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.*

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# Section I

# GENERAL INFORMATION

## CONTENTS

	Page	Page
<b>GROUP I—Safety</b>		
Safety .....	I-I-1	
<b>GROUP II—General Specifications</b>		
Specifications .....	I-II-1	
Working Ranges .....	I-II-2	
Drain and Refill Capacities .....	I-II-3	
Bucket Specifications .....	I-II-5	
Bucket Selection Chart		
2.9 m (114 in.) Arm .....	I-II-6	
3.9 m (154 in.) Arm .....	I-II-7	
4.9 m (193 in.) Arm .....	I-II-8	
Lift Capacity—kg (lb) .....	I-II-9	
<b>GROUP III—Torque Values</b>		
Hardware .....	I-III-1	
Track Shoe .....	I-III-1	
Inch Series Torque Chart .....	I-III-2	
Metric Series Torque Chart .....	I-III-3	
Torque Chart .....	I-III-4	
Oil Lines and Fittings .....	I-III-5	
O-Ring Boss Fittings .....	I-III-6	
Flat Face O-Ring Seal Fittings .....	I-III-7	
37° Flare and 30° Cone Seat Connectors . . .	I-III-8	
Flared Connections—Straight or Tapered		
Threads .....	I-III-9	
Four Bolt Flange Fitting .....	I-III-10	
<b>GROUP IV—Fuels and Lubricants</b>		
Fuel .....	I-IV-1	
Engine Oil .....	I-IV-2	
Swing Gearbox, Propel Gearbox, and		
Pump Gearbox Oils .....	I-IV-3	
Hydraulic Oil .....	I-IV-4	
Track Rollers, Carrier Rollers, and Front		
Idlers Oil .....	I-IV-4	
Swing Gear Grease .....	I-IV-5	
Grease .....	I-IV-5	
Cold Weater Operation .....	I-IV-6	
Alternative Lubricants .....	I-IV-6	
Lubricant Storage .....	I-IV-6	
Synthetic Lubricants .....	I-IV-6	
<b>GROUP V—Inspection Procedures</b>		
Inspection Program .....	I-V-1	
Using the Checklists .....	I-V-2	
Delivery Service .....	I-V-2	
Checklist .....	I-V-3	
<b>GROUP VI—Predelivery Assembly Instructions</b>		
Boom, Arm, Bucket, and Counterweight . . . .	I-VI-1	
Bucket Linkage .....	I-VI-11	
Windshield Wiper .....	I-VI-12	
Radio Antenna .....	I-VI-12	
Track Gauge Work Position .....	I-VI-12	
Track Gauge Transport Position .....	I-VI-14	
Hydraulic Oil Level .....	I-VI-15	
Bucket Pivots .....	I-VI-17	
Working Tool Pivots .....	I-VI-17	
Counterweight .....	I-VI-19	

### **HANDLE FLUIDS SAFELY—AVOID FIRES**

When you work around fuel, do not smoke or work near heaters or other fire hazards.

Store flammable fluids away from fire hazards. Do not incinerate or puncture pressurized containers.

Make sure machine is clean of trash, grease, and debris.

Do not store oily rags; they can ignite and burn spontaneously.



O53,FLAME -19-05JAN88

TS227 -UN-23AUG88

### **PREVENT BATTERY EXPLOSIONS**

Keep sparks, lighted matches, and open flame away from the top of battery. Battery gas can explode.

Never check battery charge by placing a metal object across the posts. Use a volt-meter or hydrometer.

Do not charge a frozen battery; it may explode. Warm battery to 16°C (60°F).



O53,SPARKS -19-05JAN88

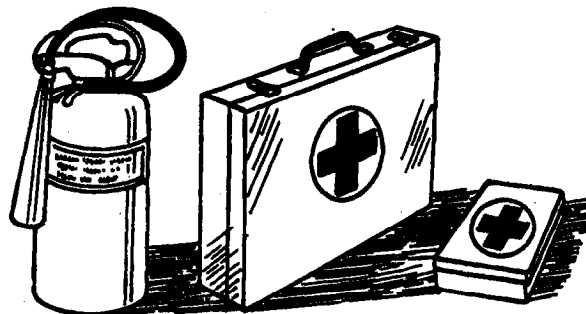
TS204 -UN-23AUG88

### **PREPARE FOR EMERGENCIES**

Be prepared if a fire starts.

Keep a first aid kit and fire extinguisher handy.

Keep emergency numbers for doctors, ambulance service, hospital, and fire department near your telephone.



O53,FIRE2 -19-03MAR88

TS291 -UN-23AUG88

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