

850J-II Crawler Dozer Repair

(PIN: 1T0850JJ__D306725—)

REPAIR TECHNICAL MANUAL

**850J-II Crawler Dozer
(PIN: 1T0850JJ__D306725—)**


TM14231X19 18APR19 (ENGLISH)

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 problems 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 problems and their causes.

TX,750C,SS2406 -19-13JUL95-1/1

Technical Information Feedback Form

We need your help to continually improve our technical publications. Please copy this page and FAX or mail your comments, ideas and improvements.

SEND TO: John Deere Dubuque Works
18600 South John Deere Road
Attn: Publications, Dept. 324
Dubuque, IA 52004-0538
USA

FAX NUMBER: 1-563-589-5800 (USA)

Publication Number: _____

Page Number: _____

Ideas, Comments: _____

Name: _____

Phone: _____

Email Address: _____

THANK YOU!

TX,TM,FAX -19-03JUL01-1/1

Introduction

Contents

Section 00—General Information

- Group 01—Safety
- Group 03—Torque Values

Section 01—Tracks

- Group 0130—Track System

Section 02—Axles and Suspension Systems

- Group 0201—Drive Axle Housing and Support
- Group 0250—Axle Shaft, Bearings and Reduction Gears

Section 03—Transmission

- Group 0300—Remove and Install
- Group 0315—Control Linkage
- Group 0360—Hydrostatic System

Section 04—Engine

- Group 0400—Removal and Installation

Section 05—Engine Auxiliary Systems

- Group 0505—Cold Weather Starting Aid
- Group 0510—Cooling System
- Group 0515—Engine Speed Control
- Group 0530—External Exhaust Systems
- Group 0560—External Fuel Supply Systems

Section 07—Damper Drive

- Group 0752—Elements

Section 11—Park Brake

- Group 1100—Park Brake
- Group 1115—Control Linkage
- Group 1160—Hydraulic System

Section 15—Equipment Attaching

- Group 1511—Drawbar

Section 17—Frames, Chassis, or Supporting Structure

- Group 1740—Frame Installation
- Group 1746—Frame Bottom Guards
- 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—Heating and Air Conditioning

Section 19—Sheet Metal

- Group 1910—Hood and Engine Enclosures

Section 20—Safety, Convenience and Miscellaneous

- Group 2004—Horn and Warning Devices

Section 32—Bulldozer

- Group 3201—Blade
- Group 3240—Frames
- Group 3260—Hydraulic System

Section 42—Ground Conditioning Tool

- Group —Ripper

Section 9900—Dealer Fabricated Tools

- Group 0999—Dealer Fabricated Tools

Original Instructions. 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.

COPYRIGHT © 2019
DEERE & COMPANY
Moline, Illinois
All rights reserved.
A John Deere ILLUSTRATION™ Manual
Previous Editions
Copyright © 2017, 2018

It's a preview. You can download the full file by clicking the link below.

<https://shopservicemanual.com/>

Service Manuals from 2\$