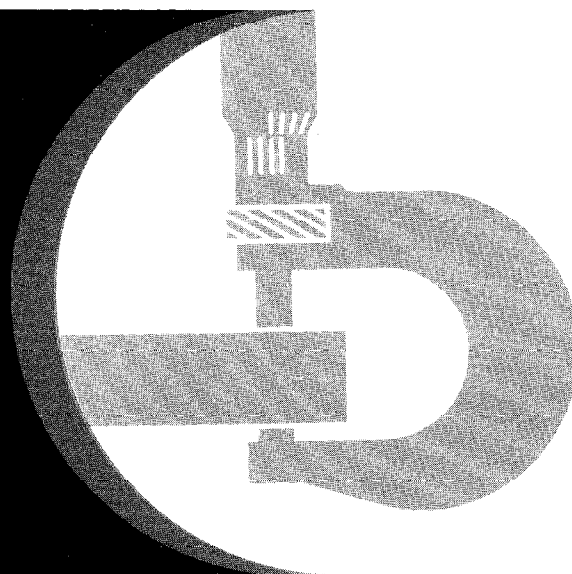


John Deere 550B Crawler Dozer and 555B Crawler Loader



TECHNICAL MANUAL

TM-1331 (Aug-87)

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550B CRAWLER DOZER AND 555B CRAWLER LOADER TECHNICAL MANUAL TM-1331 (AUG-87)

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INTRODUCTION

This technical manual is part of a twin concept of service.

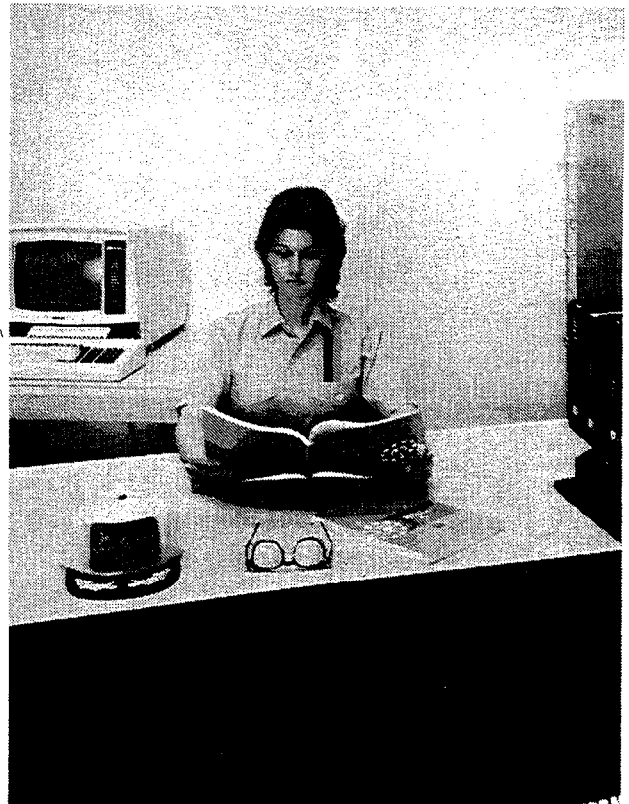
FOS Manuals - for reference

Technical Manuals - for actual service

The two kinds of manuals work as a team to give you both the general background and technical details of shop service.

Fundamentals of Service (FOS) Manuals cover basic theory of operation, fundamentals of troubleshooting, general maintenance, and basic types of failures and their causes. FOS Manuals are for training new personnel and for reference by experienced technicians.

Technical Manuals are concise service guides for specific machines. Technical manuals are on-the-job guides containing only the vital information needed by an experienced service technician.



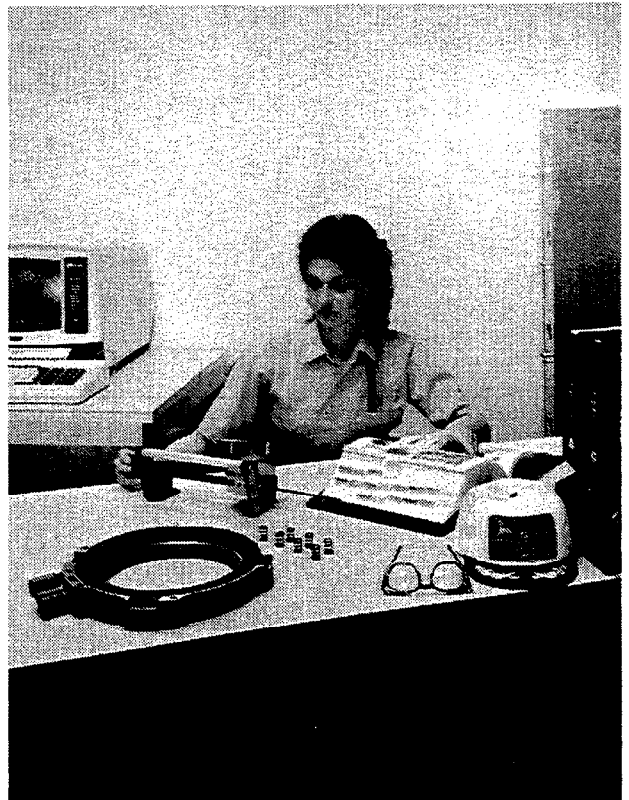
1TA;T5884BB, T82;SKPD HC 140984

FEATURES OF THIS TECHNICAL MANUAL

- John Deere ILLUSTRATION format emphasizing detailed pictures and fewer words in easy-to-use modules.
- Removal and installation groups preceding some repair groups.
- A section of system diagnostic testing.
- Table of contents of all sections at the front of the manual and a listing of all groups and headings at the front of each section.
- Essential tools and specifications listed at the front of each group they are used in.
- Essential tools illustrated in numerical order at end of manual.
- Alphabetical listing of all major components, specifications, and essential tools.
- Safety rules, general specifications, and lubrication specifications.

This technical manual was planned and written for you - an experienced service technician. Keep it in a permanent binder in the shop where it is handy. Refer to it when you need to know correct service procedures or specifications.

Using the technical manual as a guide will reduce error and costly delay. It will also assure you the best in finished service work.



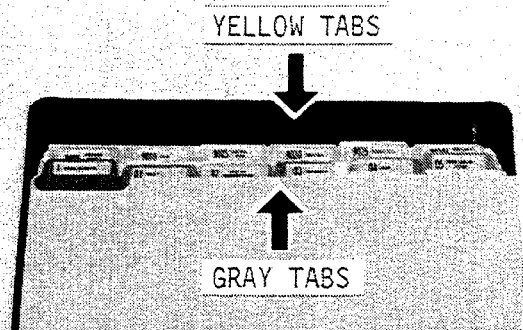
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USING TABS

To fully utilize this technical manual, you must understand how it is organized.

Only two tab colors are used—gray and yellow. Each color represents a different type of information.

Spend a minute reading this now and save many minutes of searching later.



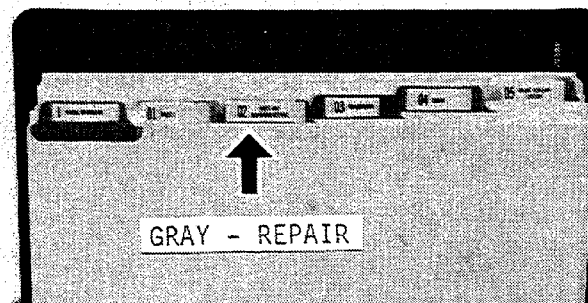
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GRAY TAB SECTIONS

The gray tab sections are repair sections that tell how to repair the components of the various systems.

Repair of a component includes:

- Removal from machine (when necessary)
- Disassembly
- Inspection
- Replacement of parts
- Assembly
- Adjustment
- Installation on machine (when necessary)



The numbers used for the repair (gray tab) sections are part of an overall service publication numbering system. The numbers identify the same sections in the parts catalog, flat rate manual, service information bulletins, and service training courses.

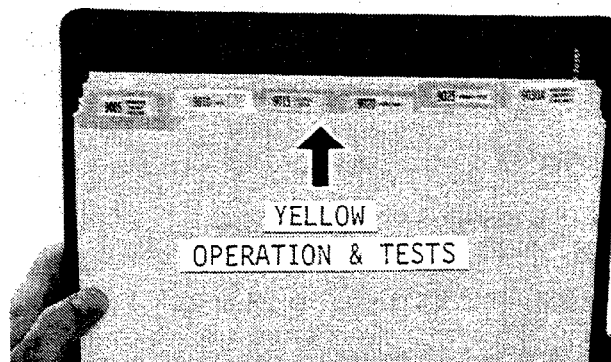
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YELLOW TAB SECTIONS

Each yellow tab section contains information on:

Groups

- | | |
|----|-------------------------------|
| 05 | Theory of Operation |
| 10 | System Operational Checks |
| 15 | System Diagnostic Information |
| 20 | Adjustments |
| 25 | Tests |

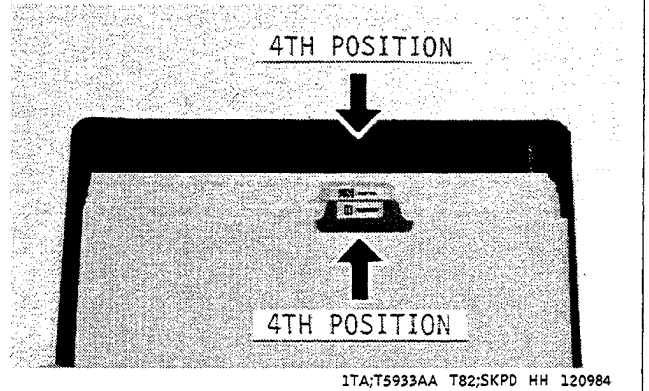


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TAB POSITIONS

Each gray tab and its corresponding yellow tab have the same tab position. This is to help you quickly locate the related information.

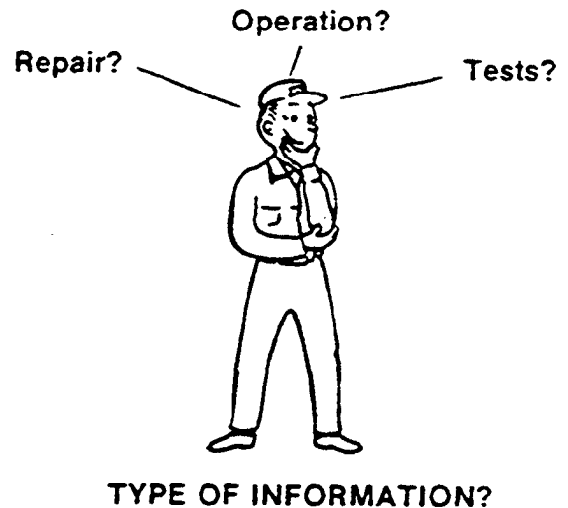
Tab Color	Tab Position	Section No.	Description
Gray	4th	03	Transmission Repair
Yellow	4th	9020	Power Train Operation and Tests



THREE-STEP PROCEDURE

Use the following three-step procedure to locate the desired information.

1. Determine the type of information you need. Is it repair, operation, or tests?
2. Go to the appropriate section tab:
Gray for Repair
Yellow for Operation or Tests



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Click on the image link below for the full version of the service manual

