300D, 310D, 315D Backhoe Loaders Repair

TECHNICAL MANUAL TM1497 17JUL02 (ENGLISH)

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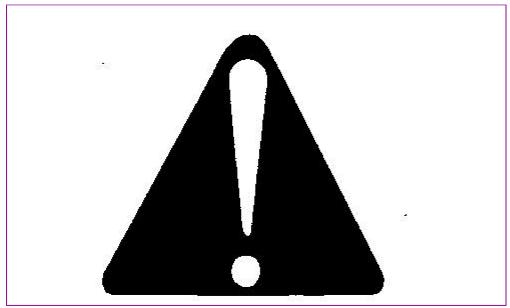
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tm1497 - 300D, 310D, 315D Backhoe Loaders Repair Foreword

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.



T81389-UN: Символ сигнала безопасности

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.

See DB1990 Service Publications Catalog to order a complete Technical Manual (TM) or a Technical Manual Section (TMS). A complete Repair manual includes the following sections:

- TMS149700 Manual includes:
 - o Section 00 General Information
- TMS149701 Manual includes:
 - o Section 01 Wheels
 - o Section 02 Axles and Suspension Systems
 - o Section 03 Transmission
 - o Section 04 Engine
 - o Section 05 Engine Auxiliary Systems
 - o Section 06 Torque Converter
- TMS149709 Manual includes:

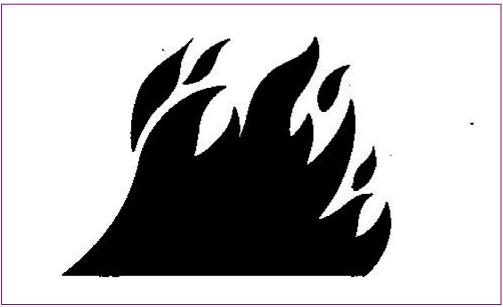
- o Section 09 Steering System
- o Section 10 Service Brakes
- o Section 11 Park Brake
- TMS149716 Manual includes:
 - o Section 16 Electrical Systems
- TMS149717 Manual includes:
 - o Section 17 Frame or Supporting Structure

 - o Section 18 Operator's Station
 o Section 19 Sheet Metal and Styling
 - o Section 20 Safety and Convenience
- TMS149721 Manual includes:
 - o Section 21 Main Hydraulic System
 - o Section 31 Loader
 - o Section 33 Backhoe

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tm1497 - 300D, 310D, 315D Backhoe Loaders Repair **Handle Fluids Safely-Avoid Fires**

Handle Fluids Safely-Avoid Fires



TS227-UN: 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.

DX,FLAME-19-1998/09/29



Thank you very much for your reading.

Please click here to get more information.