



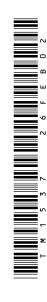
TECHNICAL MANUAL710D Backhoe Loader Operation and Test

TM1537 26FEB02 (ENGLISH)

For complete service information also see:

710D Backhoe Loader Operation		
and Test (Complete)	TM1537	
710D Backhoe Loader Repair (Complete)	TM1538	
Radial Piston Pump	CTM7	
6059 Engine	СТМ8	
Engine Accessories	CTM11	
OEM Engine Accessories	DOMAIN OAD	1
Alternators and Starting Motors	DOWNLOAD	
6068 Engine		
1200 Series Axle	CTM43	





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

- 1. 9000
 - Section 9000 General Information
- 2. 9005
 - Section 9005 Operational Checkout Procedure
- 3. 9010
 - Section 9010 Engine
- 4. 9015
 - Section 9015 Electrical System
- 5. 9020
 - Section 9020 Power Train
- 6. 9025
 - Section 9025 Hydraulic System
- 7. 9031
 - Section 9031 Heating and Air Conditioning

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IMPORTANT: Please remove this page and route through your service department.

Listed below is a brief explanation of "WHAT" was change and "WHY" it was changed.

1. Section 9000:

To include any specifications, oil capacity and safety concerns for new rear axle, transmission, charge pump, park brake, and service brake valve.

2. Section 9005:

To add operational checks for new transmission, park brake, differential lock, and service brake valve.

3. Section 9010:

To include miscellaneous updates and update serial numbers.

4. Section 9015:

To include information for new engine, front console, and side console harnesses. To add new tachometer and low brake pressure warning system.

5. Section 9020:

To add information for new transmission and rear axle. For machines (S.N. 872257—), information on the park brake and differential lock will now be provided in this section.

6. Section 9025:

To make required changes because of new charge pump located on the rear of the transmission. To change plumbing and schematics required by the removal of the park brake/differential lock valve. To add information on the new service brake valve.

7. Section 9031:

To improve format and add information on new side console harness.

8. ..

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Introduction

TM1537 (26FEB02) 710D Backhoe Loader

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

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Dept. 304

Attn: Publications Supervisor

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TM1537 710D Backhoe Loader Operation and Test Manual
Ideas, Comments, (Please state Page Number):
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OVERALL, how would you rate the quality of "ALL" Installation Instructions provided to you? (Check one)									
Po	oor	F	air	Good		Very Good		Excellent	
1	2	3	4	5	6	7	8	9	10

Company Name
Address
Phone
FAX No.
Dealer Acct. No.

THANK YOU!

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PN=5



Thank you very much for your reading.

Please click here to get more information.