

690E LC Excavator Operation and Tests

TECHNICAL MANUAL 690E LC Excavator Operation and Tests

TM1508 30JUN08 (ENGLISH)

For complete service information also see:

690E LC Excavator Repair	TM1509
6068 Engine (Serial No. —559602)	CTM8
6068 Engine (Serial No. 559603—)	CTM104
Alternators and Starting Motors	CTM77
Undercarriage Appraisals	

PDF



DOWNLOAD



Contents

SECTION 9000—General Information

- Group 01—Safety
- Group 02—General Specifications
- Group 03—Torque Values
- Group 04—Fuels And Lubricants

9000

9005

SECTION 9005—Operational Checkout Procedure

- Group 10—Operational Checkout Procedure

SECTION 9010—Engine

- Group 05—Theory Of Operation
- Group 10—System Operational Checks
- Group 15—Diagnostic Information
- Group 20—Adjustments
- Group 25—Tests

9010

SECTION 9015—Electrical System

- Group 05—System Information
- Group 10—System Diagrams
- Group 15—Sub-System Diagnostics
- Group 20—References

9015

SECTION 9020—Power Train

- Group 05—Theory Of Operation
- Group 10—System Operational Checks
- Group 15—Diagnostic Information
- Group 20—Adjustments
- Group 25—Tests

9020

9025

SECTION 9025—Hydraulic System

- Group 05—Theory Of Operation
- Group 10—System Operational Checks
- Group 15—Diagnostic Information
- Group 20—Adjustments
- Group 25—Tests

9031

SECTION 9031—Air Conditioning System

- Group 05—Theory Of Operation
- Group 10—System Operational Checks
- Group 15—Diagnostic Information
- Group 20—Adjustments
- Group 25—Tests

INDEX

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.

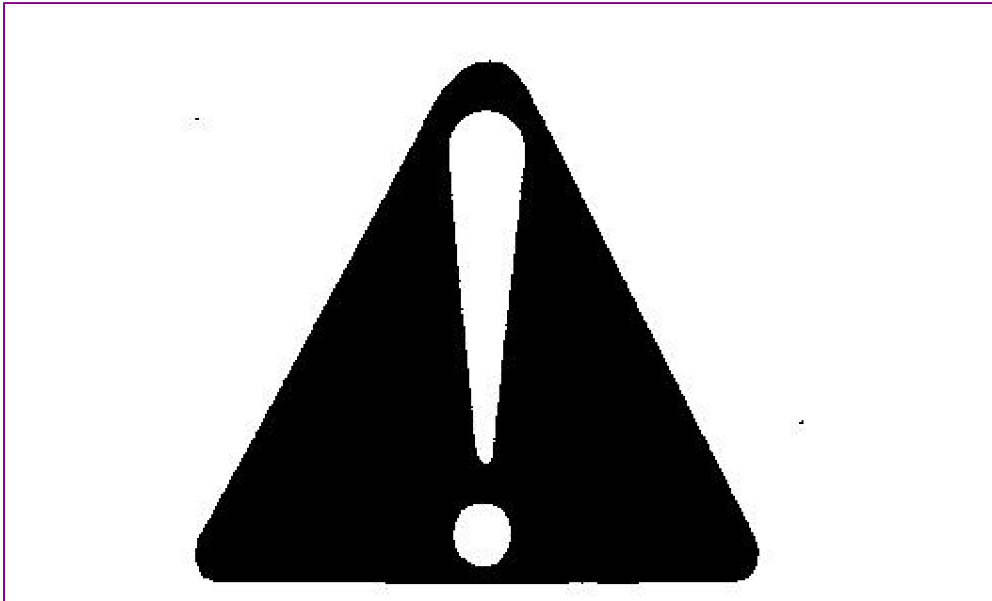
COPYRIGHT © 2008
DEERE & COMPANY
Moline, Illinois
All rights reserved
A John Deere ILLUSTRATION® Manual
Previous Editions
Copyright © 1997, 1999, 2003, 2002, 1991, 2000

tm1508 - 690E LC Excavator 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.

DX, TMIFC-19-29SEP98

tm1508 - 690E LC Excavator Technical Information Feedback Form

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.

-: Technical Manual Fax

SEND TO: John Deere Dubuque Works
P.O. Box 538
Attn: Publications Supervisor, Dept. 303
Dubuque, IA 52004-0538

FAX NUMBER: 563-589-5800

Ideas, Comments (Please State Page Number):

OVERALL, how would you rate the quality of this publication? (Check one)

		Poor		Fair		Good		Very Good		Excellent	
1	2	3	4	5	6	7	8	9	10		
<hr/>											

Company Name:

Technician Name:

Address:

Phone:

Fax No.:

Dealer Acct. No.:

THANK YOU!

TX, TM, FAX-19-03JUL01



Thank you very much
for your reading.
Please click here
to get more information.