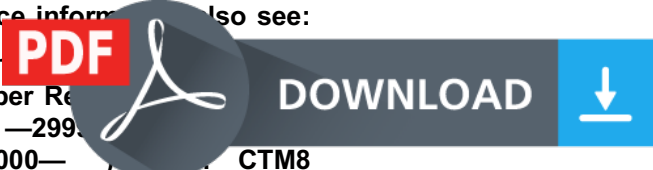


690D Excavator 690D-LC Excavator 693D Feller-Buncher 693D Delimber Operation and Test

For complete service information, also see:

690D/690D-LC Excavator and 693D Feller-Buncher/Delimiter
6414 Engine (Serial No. 1—29999) CTM8
6068 Engine (Serial No. 30000—) CTM11
Engine Accessories CTM11



John Deere Dubuque Works
TM1387 (04SEP92)

LITHO IN U.S.A.
ENGLISH

**690D/690D-LC Excavator
693D Feller-Buncher/Delimiter
Operation and Test**

TM1387 (04SEP92)



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.

JOHN DEERE DEALERS

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

This is a complete revision for TM1387, 690D, 690D-LC Excavator and 693D Feller-Buncher/Delimiter.

The new manual is dated (04SEP92). Listed below is a brief explanation of "WHAT" was changed and "WHY" it was changed.

This manual was revised:

1. Group 9015-00: Add tests and specifications for hydraulic oil temperature indicator and switch.

To correct a wiring connection for the saw cut-off relay in the continuous running saw wiring schematic and diagram.

2. Group 9020-05: To include an ending serial number for the change to propel control valves to remove the bypass pin

3. Group 9020-15: Add specifications for carrier roller and front idler measurements.

4. Group 9025-05: Add story for swing torque control plate and remove story for swing load sensing orifice plate.

5. Group 9025-10: To clarify the instruction between excavator and feller-buncher/delimiter for checking the balance valves (lift checks).

6. Group 9025-25: To add stories for Swing Motor Crossover Relief Valve Test and Adjustment with serial number.

7. Group 9030-20: Art revised to correct connection for pilot pressure inlet to auxiliary function pilot controller.

8. Group 9031-20: Add story for refrigerant recovery.



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