

# tm1670 - 330LC and 370 Excavator

## Foreword

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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.

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**CAUTION:**

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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.

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## **tm1670 - 330LC and 370 Excavator**

### **Follow Safe Procedures**

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TS231-19: Follow Safe Procedures

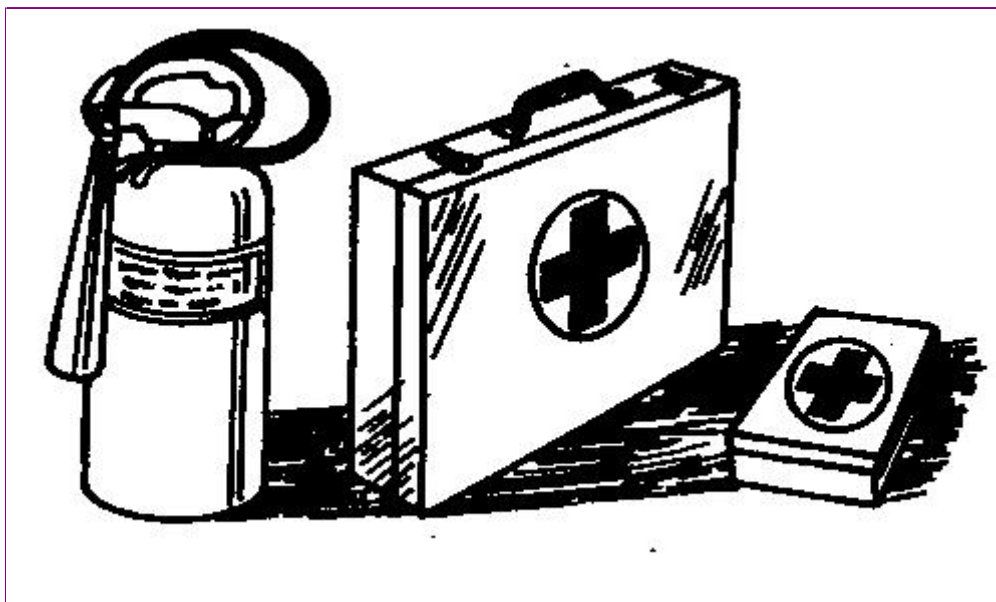
Unsafe work practices are dangerous. Understand service procedure before doing work; do not attempt shortcuts.

## tm1670 - 330LC and 370 Excavator

### Prepare for Emergencies

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#### Prepare for Emergencies



TS291-UN: First Aid Kit

Be prepared if a fire starts.

Keep a first aid kit and fire extinguisher handy.

Keep emergency numbers for doctors, ambulance service, hospital, and fire department near your telephone.

## tm1670 - 330LC and 370 Excavator Handle Fluids Safely—Avoid Fires

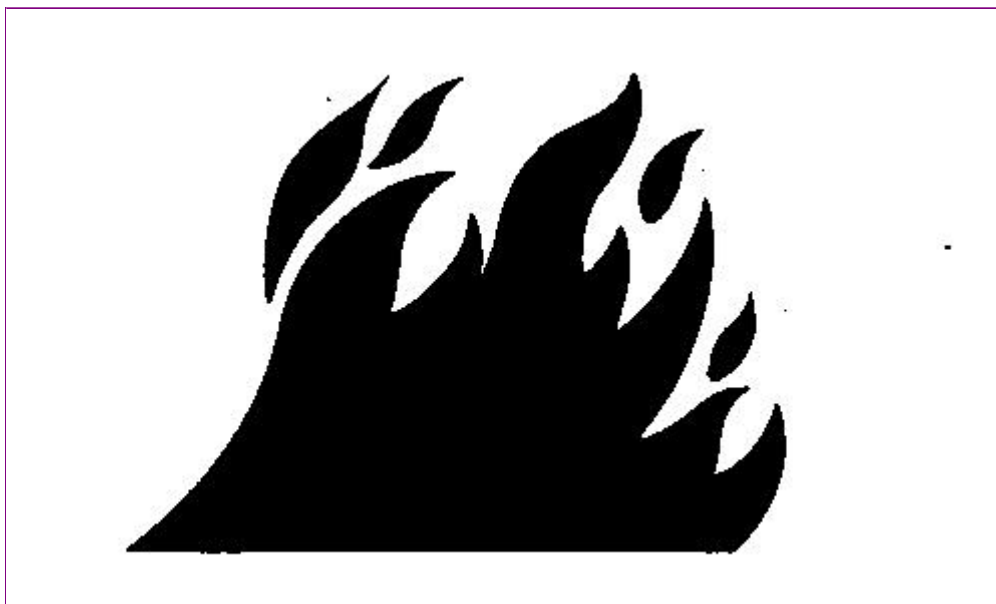
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### Handle Fluids Safely—Avoid Fires



TS202-UN: Handle Fuel Safely—Avoid Fires

Handle fuel with care; it is highly flammable. Do not refuel the machine while smoking or when near open flame or sparks. Always stop engine before refueling machine. Fill fuel tank outdoors.



TS227-UN: Handle Fluids Safely—Avoid Fires

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.

## tm1670 - 330LC and 370 Excavator Prevent Battery Explosions

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### Prevent Battery Explosions



TS204-UN: Battery Explosions

Keep sparks, lighted matches, and open flame away from the top of battery. Battery gas can explode.

Never check battery charge by placing a metal object across the posts. Use a volt-meter or hydrometer.

Do not charge a frozen battery; it may explode. Warm battery to 16°C (60°F).

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