690DR Excavator With All Terrain Wheeled Undercarriage

TECHNICAL MANUAL 690DR Excavator

TM124557 (English)

CALIFORNIA Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.

If this product contains a gasoline engine:



The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

The State of California requires the above two warnings.

Worldwide Construction And Forestry Division

690DR EXCAVATOR TECHNICAL MANUAL TMT124557

SECTION AND GROUP CONTENTS

SECTION I—GENERAL INFORMATION

Group I—Introduction and Safety Information

Group II—Specifications

Group III-Torque Values

Group IV-Fuel and Lubricants

Group V-Predelivery and After-Sale Inspection

SECTION 01—WHEELS

Group 0110—Power Wheels and Fastenings

SECTION 02—AXLES AND SUSPENSION SYSTEMS (PROPEL)

Group 0250—Axle Shaft, Bearings, and Reduction Gears
Group 0260—Hydraulic System

SECTION 04—ENGINE

Group 0400-Removal and Installation

SECTION 05—ENGINE AUXILIARY SYSTEM

Group 0505—Cold Weather Starting Aid

Group 0510—Cooling Systems

Group 0515—Speed Controls

Group 0520—Intake System

Group 0530—External Exhaust Systems

Group 0560—External Fuel Supply Systems

SECTION 07—DAMPENER DRIVE (FLEX COUPLING)

Group 0752—Elements

SECTION 16—ELECTRICAL SYSTEMS

Group 1671—Batteries, Support and Cables

Group 1672—Alternator, Regulator, and Charging System Wiring

Group 1673—Lighting System

Group 1674—Wiring Harnesses and Switches

All information, illustrations and specifications contained in this technical 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.

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SECTION AND GROUP CONTENTS-Continued

SECTION 17—FRAME, CHASSIS, OR SUPPORTING STRUCTURE

Group 1740—Frame Installation Group 1749—Chassis Weights

SECTION 18—OPERATOR'S STATION

Group 1800—Removal and Installation
Group 1810—Operator Enclosure
Group 1821—Seat and Support
Group 1830—Heating and Air Conditioning

SECTION 19—SHEET METAL AND STYLING

Group 1910—Hood or Engine Enclosure

SECTION 32—DOZERS

Group 3201—Blade Group 3240—Frames Group 3260—Dozer Hydraulics

SECTION 33—EXCAVATOR

Group 3302—Buckets Group 3340—Frames Group 3360—Hydraulic System

SECTION 43—SWING ROTATION OR PIVOTING SYSTEM

Group 4311—Brakes
Group 4350—Mechanical Drive Elements
Group 4360—Hydraulic System

SECTION 9005—OPERATIONAL CHECKOUT PROCEDURE

Group 10—System Operational Checkout Procedure

SECTION 9010—ENGINE OPERATION AND TESTS

Group 05—Theory of Operation Group 10—System Operational Checks Group 15—System Diagnostic Checks Group 20—Adjustments Group 25—Tests

SECTION 9015—ELECTRICAL SYSTEM OPERATION AND TESTS

Group 00—Electrical Systm Operation and Tests

SECTION 9020—POWER TRAIN OPERATION AND TESTS

Group 05—Theory of Operation
Group 10—System Operational Checks
Group 15—System Diagnostic Checks
Group 20—Adjustments
Group 25—Tests

SECTION 9025—HYDRAULIC SYSTEM OPERATION AND TESTS

Group 05—Theory of Operation Group 10—System Operational Checks Group 15—System Diagnostic Checks Group 20—Adjustments Group 25—Tests

SECTION 99—DEALER FABRICATED TOOLS

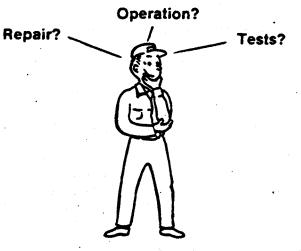
Group 9900—Fabricated Tools

THREE-STEP PROCEDURE

Use the following three-step procedure to locate the desired information.

- 1. Determine the type of information you need. Is it repair, operation, or tests?
- 2. Go to the appropriate section tab:

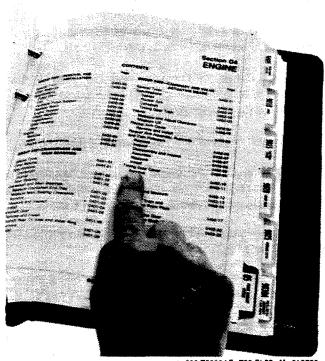
Gray for Repair Yellow for Operation or Tests



TYPE OF INFORMATION?

018;T5940AT T82;FLPD L 260785

3. Use the table of contents on the first page of the section to locate the information.

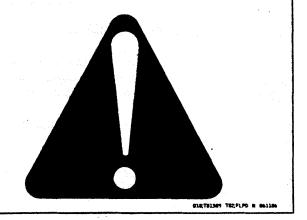


018;T5933AF T82;FLPD M 260785

SAFETY AND YOU

This safety-alert symbol means ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!

When you see this symbol on your machine or in your manual, be alert to the possibility of personal injury. Follow the instructions in the safety message.



RECOGNIZE SAFETY INFORMATION

This is the safety-alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating practices.



AB6;T81389 053;ALERT 160687

UNDERSTAND SIGNAL WORDS

A signal word—DANGER, WARNING, or CAUTION—is used with the safety-alert symbol. DANGER identifies the most serious hazards.

Safety signs with signal word DANGER or WARNING are typically near specific hazards.

General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.

A DANGER

AWARNING

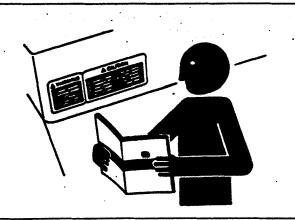
ACAUTION

AB6;TS187 053;SIGNAL 071085

FOLLOW SAFETY INSTRUCTIONS

Carefully read all safety messages in this manual and on your machine safety signs. Follow recommended precautions and safe operating practices.

Keep safety signs in good condition. Replace missing or damaged safety signs.



USE HANDHOLDS AND STEPS

When you get on and off machine, always maintain a three point contact with steps and handrails and face machine. Do not use any controls as handholds.

Never jump either on or off the machine. Never mount or dismount a moving machine.

Be careful of slippery conditions on platforms, steps, and handrails when mounting or dismounting.



018;T6192AH 02T;;05-FF4 010487

START ENGINE FROM OPERATOR'S SEAT

Avoid possible injury or machine damage. Do not start engine by shorting across starter terminals.

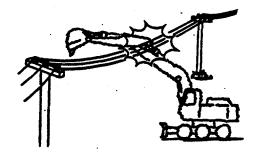
NEVER start engine while standing on ground. Start engine only from operator's seat.

T82;EXSA V 030487

AVOID POWER LINES

Serious injury or death can result from contact with electric lines.

Never move any part of the machine or load closer to electric line than 10 ft (3 m) plus twice the line insulator length. Use a signal person to guide operator. Use shrouds or insulators as necessary.



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