

**1450
Loader**
Operators Manual

9-4492

Reprinted

CASE



*This symbol means **ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED.** The message that follows the symbol contains important information about your safety. Carefully read the message. Make sure you fully understand the causes of possible injury or death.*

SB001

IF THIS MACHINE IS USED BY AN EMPLOYEE, IS LOANED, OR IS RENTED, MAKE SURE THAT THE OPERATOR UNDERSTANDS THE TWO INSTRUCTIONS BELOW.

BEFORE THE OPERATOR STARTS THE ENGINE:

1. GIVE INSTRUCTIONS TO THE OPERATOR ON SAFE AND CORRECT USE OF THE MACHINE.
2. MAKE SURE THE OPERATOR READS AND UNDERSTANDS THE OPERATOR'S MANUAL FOR THIS MACHINE.

WARNING

IMPROPER OPERATION OF THIS MACHINE CAN CAUSE INJURY OR DEATH.

BEFORE STARTING THE ENGINE, DO THE FOLLOWING:

1. READ THE OPERATOR'S MANUAL.
2. READ ALL SAFETY DECALS ON THE MACHINE.
3. CLEAR THE AREA OF OTHER PERSONS.

LEARN AND PRACTICE SAFE USE OF MACHINE CONTROLS IN A SAFE, CLEAR AREA BEFORE YOU OPERATE THIS MACHINE ON A JOB SITE.

It is your responsibility to observe pertinent laws and regulations and to follow manufacturer's instructions on machine operation and maintenance.

See your Authorized Case dealer for additional operator's manuals, parts catalogs, and service manuals.

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INTRODUCTION



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RIGHT AND LEFT SIDES OF MACHINE

"Right-Hand" and "Left-Hand", when used in this manual, indicate the right and left sides of the machine as viewed from the operator's seat.

TO THE OWNER

This manual is your guide to safe, productive operations. It will eliminate trial and error learning, possible damage caused by ignorance of operation and down time caused by improper maintenance.

DELIVERY OF NEW MACHINE

At the time your Case Dealer delivers your new machine, he will acquaint you with its operation and maintenance as outlined in the "Owner Warranty Registration and Delivery Report". When your Dealer has completed these instructions, he will ask you to sign the report and will then give you a copy for your records.

AFTER DELIVERY CHECKUP

Three copies of the After Delivery Checkup form are located in the back of this manual. One copy is for you the owner, one for the dealer and one copy for Construction Equipment Service. Make arrangements with your Authorized Case Dealer to have the After Delivery Checkup performed after the first 20 hours of operation.

NOTE: The only charge your dealer will make for this inspection will be for filters, oil or other accessories. If the check-up is not performed in the dealer's shop, travel time and mileage may also be charged.

If you require additional information, contact us.

Your Authorized Case Dealer

J I Case reserves the right to make improvements in design or changes in specifications at any time, without incurring any obligation relating to such changes.

SAFETY

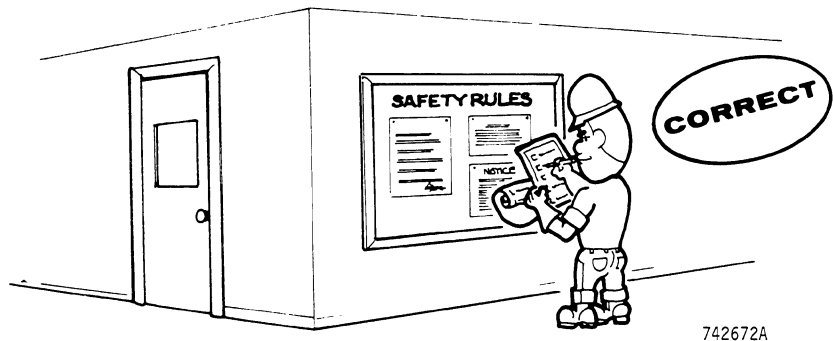
SAFETY RULES

Your safety and the safety of those around you is highly dependent upon the care and good judgment you exercise in the use of this equipment. Know the positions and functions of all controls before attempting to operate. **BE SURE TO CHECK ALL CONTROLS IN A SAFE OPEN AREA BEFORE STARTING YOUR WORK.**

READ THIS MANUAL THOROUGHLY and make sure you understand its contents. All equipment has limitations. Be sure you understand, for example, the speed, braking, steering, stability and load characteristics of this machine before starting to operate.

The safety information presented in this manual is not intended to replace safety codes, insurance requirements, federal, state and local laws, rules and regulations. Know the regulations and laws that apply to your area and be sure that your machine is properly equipped to meet such laws and regulations.

It is recommended that the following safety rules be posted on the job site.



Pre-Starting

WARNING: Before starting engine, study operator's manual safety messages. Read all safety signs on machines. Clear the area of other persons. Learn and practice safe use of control before operating.



It is your responsibility to understand and follow manufacturer's instructions on machine operation, service, and to observe pertinent laws and regulations. Operators' and service manuals may be obtained from your J I Case dealer.

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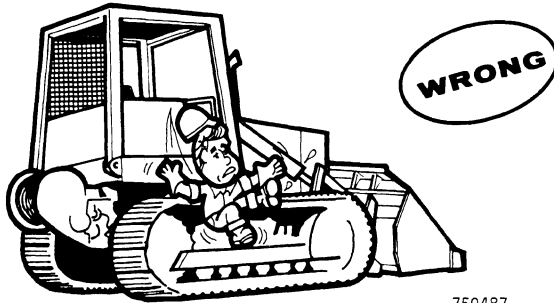
CAUTION: Before starting the engine, warn nearby members of the work crew that you are starting up the machine.

26-3



WARNING: Be sure the operator's area, steps and grab handles are free of oil, loose objects or ice. Remove or secure all maintenance or personal items. Failure to keep these areas clean could cause a serious accident.

25-8



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CAUTION: Wear the proper safety equipment - - avoid loose clothing. Obtain additional safety equipment when your safety may be in doubt. Hard hat, safety shoes, ear protectors, reflective clothing, safety goggles and heavy gloves may be required.

1-3



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WARNING: Wait 10 minutes before using starting fluid if you have attempted to use the manifold heater.

4-2



WARNING: Crank the engine 5 seconds before attempting to use manifold heater if you have used starting fluid.

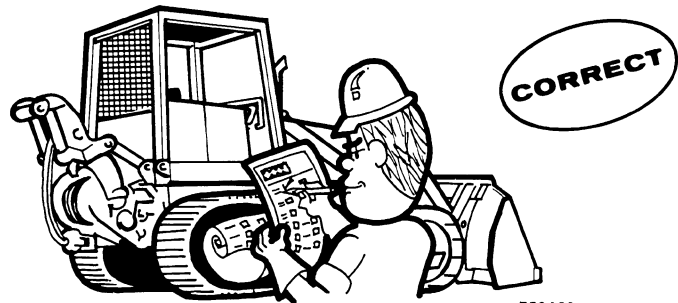
4-3



WARNING: Do not smoke when using starting fluid or spray fluid near an open fire. Do not puncture or throw starting fluid can into an incinerator. Use this starting aid sparingly and do not store in a hot area. 1-10



CAUTION: Visually check out the machine for leaks and broken, missing or malfunctioning parts. Be sure all caps, dip sticks, battery covers, etc. are secure before starting. A part failure during operation could cause injury. 25-10



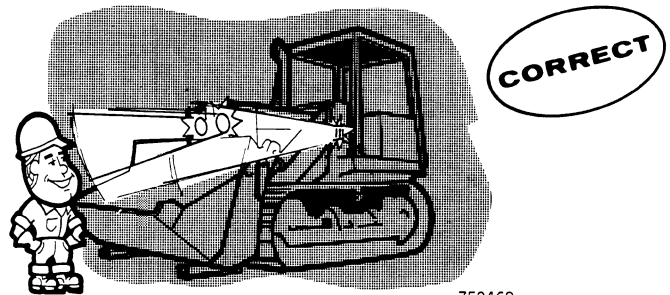
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CAUTION: Carry and maintain a fire extinguisher and first aid kit at all times. Know how to use them both. 25-9



CAUTION: Check that all lights (if so equipped) are functioning properly before operating at night. 25-7




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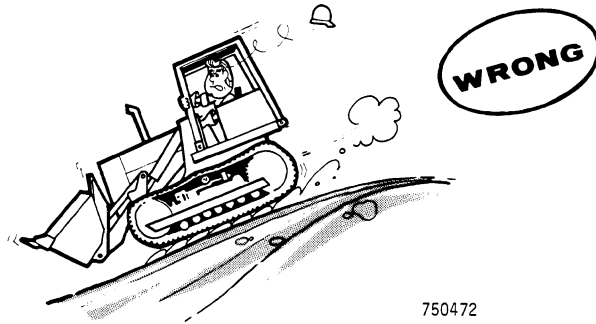



WARNING: Check that the parking brake is set and the transmission controls are in neutral before starting the engine. 4-1

IMPORTANT: Always install new decals whenever the old decals are destroyed, lost, painted over or illegible. When individual parts are replaced that have decals attached, be sure to install a new decal with the new part. Replacement decals are available from your Case dealer.

Operation


 **CAUTION:** Before each operating period, test the machine for proper steering, braking, operation of the hydraulic controls and safety devices. A properly operating machine can prevent accidents. If required, repair or adjust machine before operating. 26-4-A




 **DANGER:** Keep all machine parts away from live electrical lines. If work must be done close to high voltage lines, have the utility company disconnect them. It is not necessary to actually contact a power line for the electricity to ground through the machine. If power does ground through the machine, remain on the machine and **DO NOT TOUCH THE MACHINE STRUCTURE**. Refer to the following chart. 4-4


Conductor Voltage	Minimum Working Clearance from Conductor	Minimum Transit Clearance from Conductor
50,000 volts or less	10' (3 m)	4' (1.2 m)
Over 50,000 volts	10' (3 m) plus 0.4" (10.2 mm) for each 1,000 volts over 50,000	10' (3 m)
345,000-750,000 volts		16' (4.8 m)

NOTE: IF ABOVE REQUIREMENTS ARE LESS STRINGENT THAN STATE REQUIREMENTS, THE STATE REQUIREMENTS SHALL APPLY. 750997

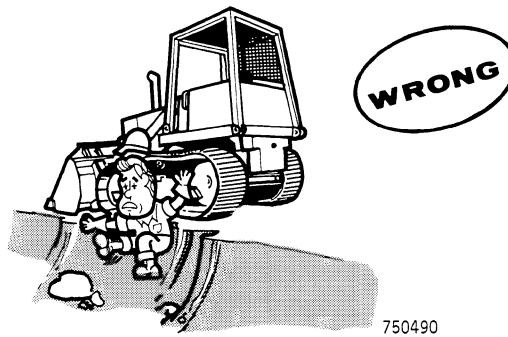
 **CAUTION:** Understand the machine's limitations. Keep it under control at all times. DO NOT TRY TO DO TOO MUCH TOO FAST. 3-7


 **DANGER:** Exhaust fumes can kill. If necessary to start an engine in an enclosed area, be sure to provide adequate ventilation. 27-4



 **WARNING:** Know the location of underground cables, water mains, gas lines, etc. A ruptured gas line or cut electrical line could result in personal injury. 26-8

 **CAUTION:** Do not jump from the machine, serious injury could result. 27-2



 **WARNING:** To jump start this machine, connect positive jumper cable to battery terminal on starter solenoid and connect negative jumper cable to good engine ground. Start engine only when seated in operator's seat with seat belt fastened. Stop engine before leaving machine. Disconnect jumper cables. Any other method could result in uncontrolled machine movement. D-18-7