

# **1550 Crawler Operators Manual**

**Rac 9-11634**

Reprinted





***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.***

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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.

# INTRODUCTION TO THE OWNER

Your Case dealer has given you a copy of the Owners Warranty Registration and instructions on machine operation, maintenance, and safety. If you do not completely understand these instructions, see your Case dealer for more information.



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Read this manual before you start the engine or operate the machine. If you need more information, see your Case dealer.

**NOTE:** *Local, state and national laws may regulate the disposal of various service fluids used in this equipment, such as but not limited to oils, hydraulic, battery and transmission fluids. You should be aware of and comply with any pertinent regulations in order to insure safe and proper handling and disposal of any regulated fluids.*

The Case Corporation can make changes in design or specifications of the machine at any time with no obligation for these changes.

Rac 9-11634  
April, 1993

## INTRODUCTION

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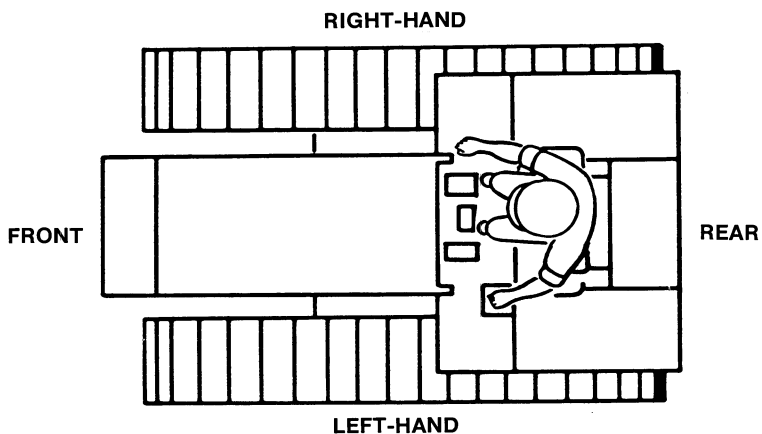
### AFTER DELIVERY CHECK

Two copies of the After Delivery Check are in the back of this manual. One copy is for you, and one copy is for the dealer. Make sure that your Case dealer does the After Delivery Check after the first 20 hours of machine operation.

**NOTE:** *Your cost for this inspection will be for filters, oil or other accessories. If the dealer travels to your machine, there can also be a cost for the time and distance.*

### RIGHT, LEFT, FRONT, AND REAR SIDES OF THE MACHINE

Right-hand and left-hand, when used in this manual, indicate the right and left hand sides of the machine as seen from the operators seat.



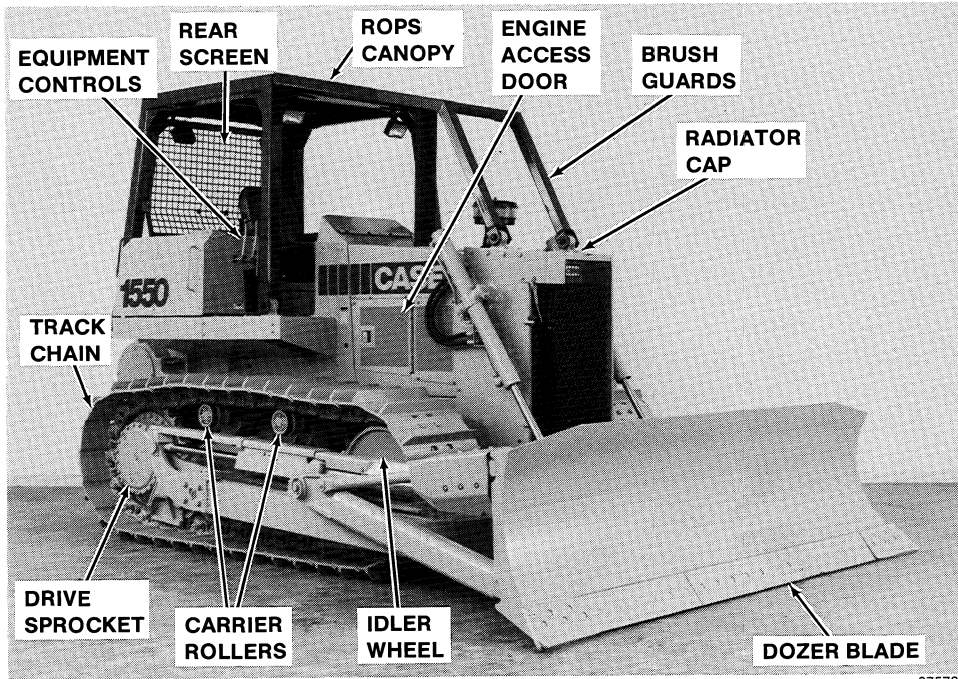
### PRODUCT IDENTIFICATION NUMBER AND SERIAL NUMBERS

See pages 24 and 25 and make a record of the Product Identification Number (P.I.N.) and the serial numbers of the attachments on the machine.

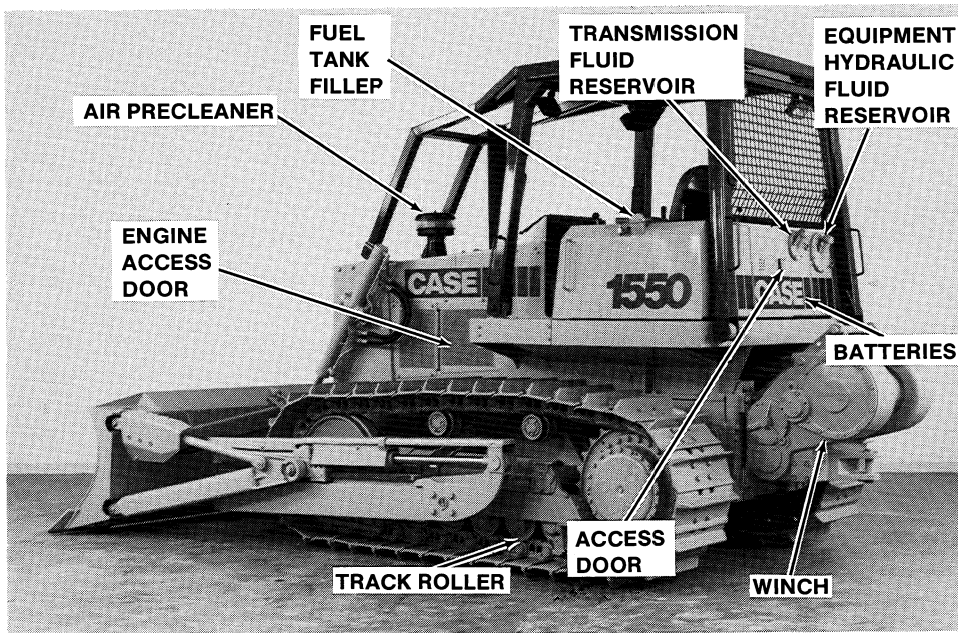
INTRODUCTION

IDENTIFICATION OF MACHINE COMPONENTS

Power Angle Tilt Pitch Dozer



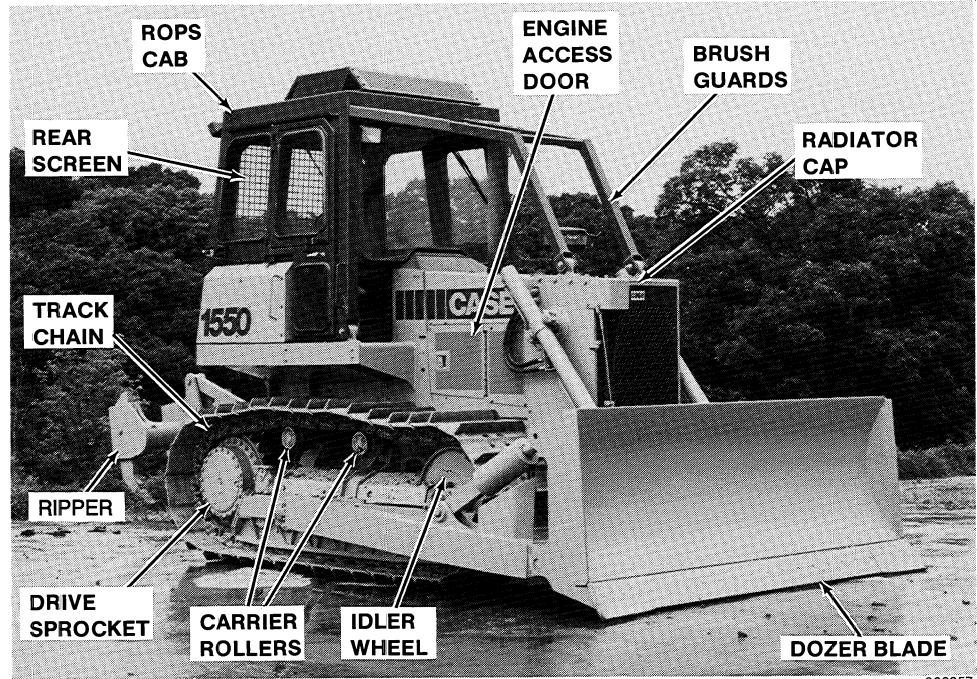
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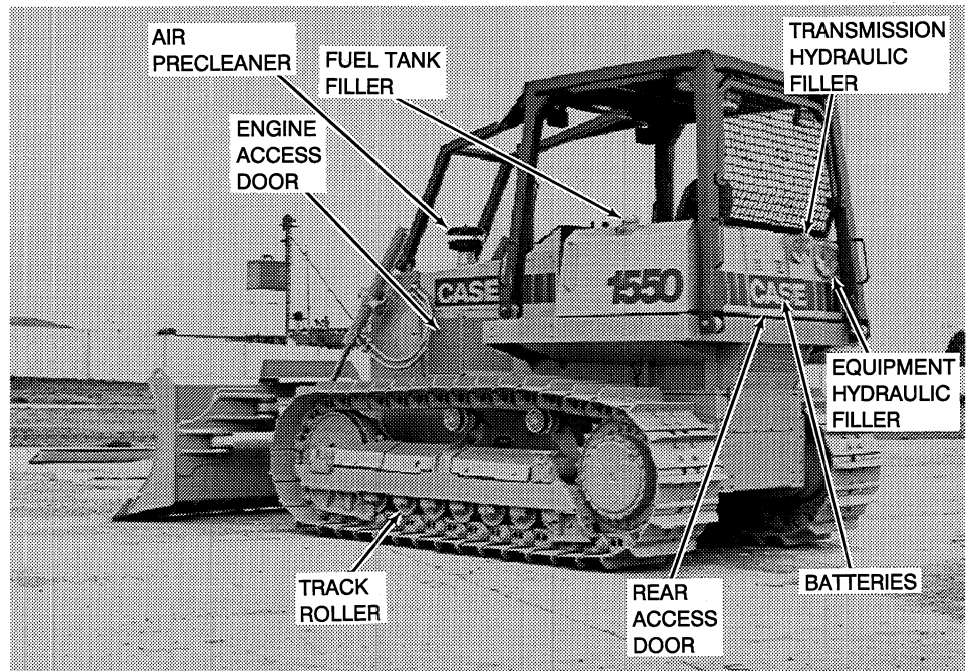
# INTRODUCTION

## Power Tilt Dozer



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## Power Angle Tilt Dozer



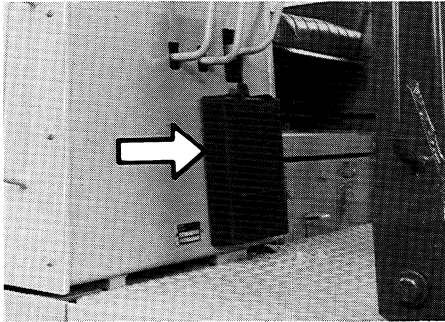
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# SAFETY

## ⚠ SAFETY RULES ⚠

Most accidents involving machine operation and maintenance can be avoided by following basic safety rules and precautions. Read and understand all the safety messages in this manual, the safety manual, and the safety signs on the machine before you operate or service the machine. See your Case dealer if you have any questions.



Manual Storage 875867

READ THIS MANUAL COMPLETELY and make sure you understand the characteristics of speed, stability, brakes, and steering, of this machine.

Do not remove this manual or the safety manual from the machine. See your Case dealer for additional manuals.

The safety information given in this manual does not replace safety codes, insurance needs or federal, state, and local laws. Make sure your machine has the correct equipment according to these rules or laws.

**IMPORTANT:** *Safety messages in this section point out situations which can be encountered during the normal operation and maintenance of your machine. These safety messages also give possible ways of dealing with these conditions.*

Additional safety messages are used in the text of the manual to show specific safety hazards.

## SAFETY



### BEFORE OPERATION



Do not wear loose clothing or jewelry that can catch on controls, etc. Safety shoes, heavy gloves, ear protection, etc., can also be required for your protection.

Be prepared for emergencies. Always have a first aid kit and a good fire extinguisher with you and know how to use them.

Know the hand signals used on your job. Follow the instructions of the flagman, signs, etc.

Foreign material or grease on the steps and hand rails can cause an accident. Keep the steps and hand rails clean.

Use the hand rails and step provided. Do not rush.



Remove all loose objects from the operators area and from the machine. Loose objects can jam controls and cause accidents.

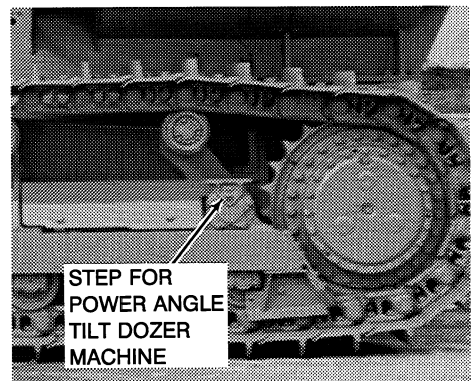
Before you start each day, walk around the machine and check for oil or fluid leaks. Replace all broken or missing parts and do the required lubrication and maintenance as shown in this manual.

Engine exhaust fumes can cause death. If you operate this machine in an enclosed area, use good ventilation to replace the exhaust fumes with fresh air.

Check that all doors, guards, and covers are installed correctly.

Make sure all persons are away from the machine before you start the engine.

Before you start the engine, always fasten the seat belt.



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## SAFETY

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### MACHINE OPERATION

Check all controls in a clear area and make sure the machine is operating correctly.

Do not allow another person to ride on the machine. This other person can fall or can cause an accident.

Dust, fog, smoke, etc., can decrease your vision and cause an accident. Stop the machine or decrease the speed until you can see everything around you in the work area.

Contact with high voltage lines, underground cables, etc., can cause serious injury or death from electrocution.

Before you drive or operate in an area with high lines or cables, tell the power or utility company what you are going to do. You **MUST HAVE THE POWER DISCONNECTED OR KEEP A SAFE WORKING DISTANCE** from the lines or cables. You must know the safe working distance from the high voltage power equipment and must know any federal, state/provincial or local safety codes or regulations that apply to the job site.

If this machine rolls over you can be injured or killed. You must make a judgment if weather, road, or earth conditions will permit safe operation on a hill, ramp, or rough ground.

Stay away from hazardous areas such as ditches, overhangs, etc. Walk around the work area before you start and look for hazards.

Be alert and always know the location of all workers in your area. Keep all other persons completely away from your machine. Injury or death can result if you do not follow these instructions.

Avoid working sideways on a hillside. Work up and down the slope if possible. Try to move the material down the hill. If the machine starts to slip sideways on the hill, lower the blade to the ground and try to turn the machine up or down the hill.

### PARKING THE MACHINE

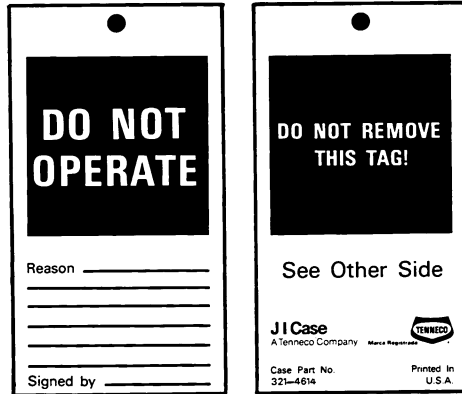
When you park the machine and before you leave the operators area, lower the dozer blade and ripper (if equipped) to the ground or support

with blocks or stands. Follow the instructions in this manual for parking the machine.

SAFETY

 MAINTENANCE 

When you service the machine, put a Do Not Operate tag on the instrument panel. A Do Not Operate tag (Case part number 321-4614) is included with each new machine. Extra tags are available from your Case dealer.



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Improper service or repair can cause injury or death. If you do not understand a service or adjustment procedure, see the service manual for this machine or see your Case dealer.

Unauthorized modifications to this machine can cause injury or death. Do not make unauthorized modifications to this machine.

If you must service this machine with the engine running, have another person help you. Follow the instructions in this manual or the service manual. Do not leave the operators seat with the engine running.

Metal chips or debris can cause eye injury. Always wear eye or face protection when you use a hammer on this machine. Use a hammer with a soft face, such as brass, to drive hardened pins.

Hydraulic fluid or grease injected into your skin can cause severe injury or death. Keep your hands and body away from any pressurized leak. If the fluid is injected into your skin, see a doctor immediately and have the fluid removed.