

**1080B  
Excavator**  
Operators Manual

9-11030

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.***

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.

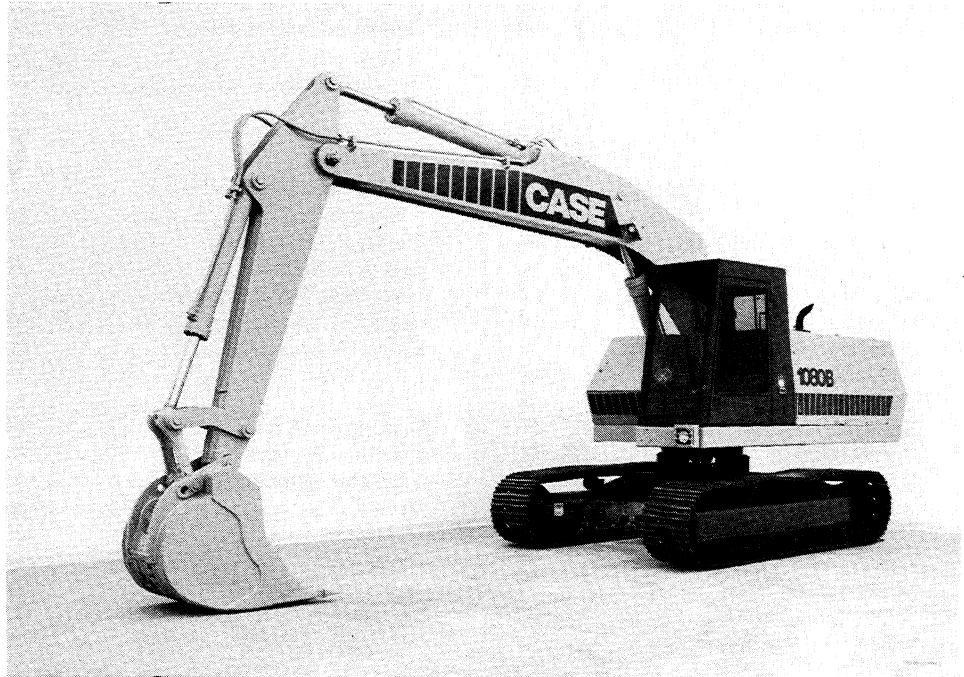
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# INTRODUCTION

## TO THE OWNER

Your Case dealer has given you your copy of the Owners Warranty Registration, instructions on machine operation, maintenance, and safety. If you do not understand machine operation, maintenance, or safety, see your Case dealer. Read this manual before you start the engine or operate the machine.



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If you need more information, see your Case dealer.

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

## 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.

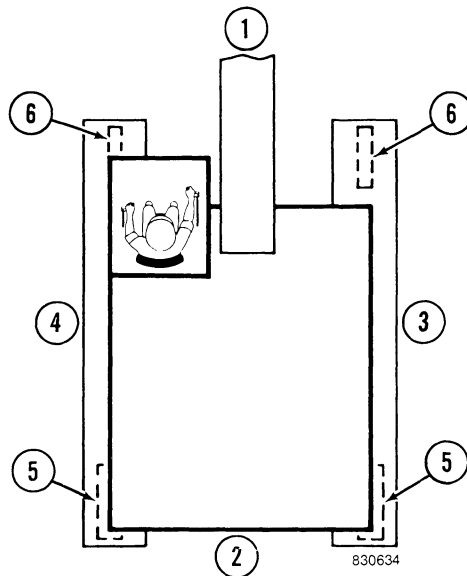
**NOTE:** *Your cost for this inspection will be for filters, oil or other accessories. If the dealer travels to your machine, there can also be a cost for the time and distance.*

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

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

The following illustration shows the machine in the normal TRAVEL and WORKING position.

The normal TRAVEL and WORKING position is with the cab over the idler wheels. The drive sprockets are at the rear of the turntable.



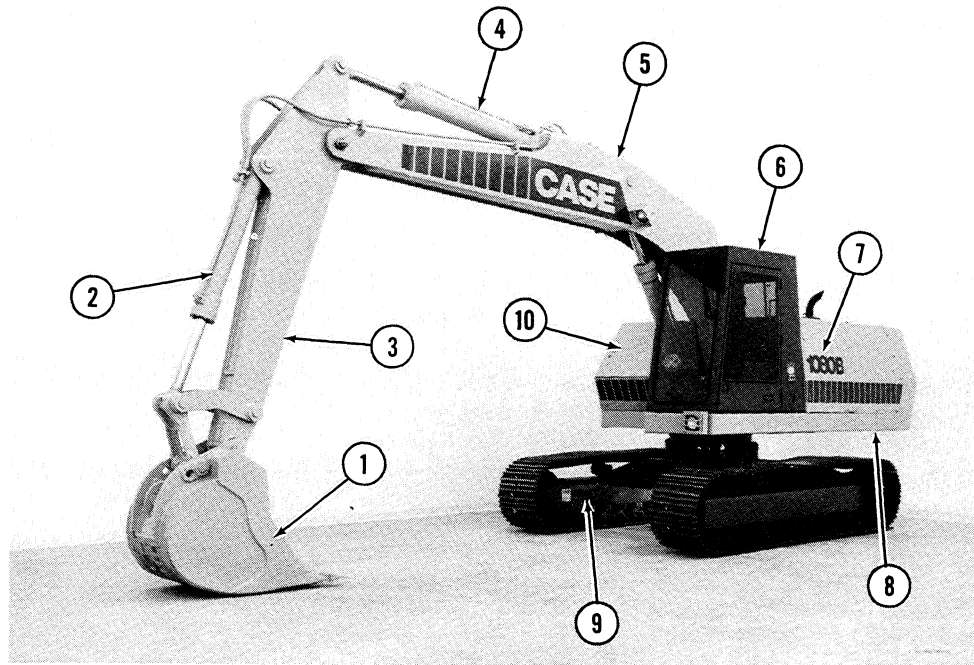
*Normal Working and Travel Position*

- |                    |                   |
|--------------------|-------------------|
| 1. Front           | 4. Left Hand Side |
| 2. Rear            | 5. Drive Sprocket |
| 3. Right Hand Side | 6. Idler Wheel    |

## INTRODUCTION

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### IDENTIFICATION OF MACHINE COMPONENTS



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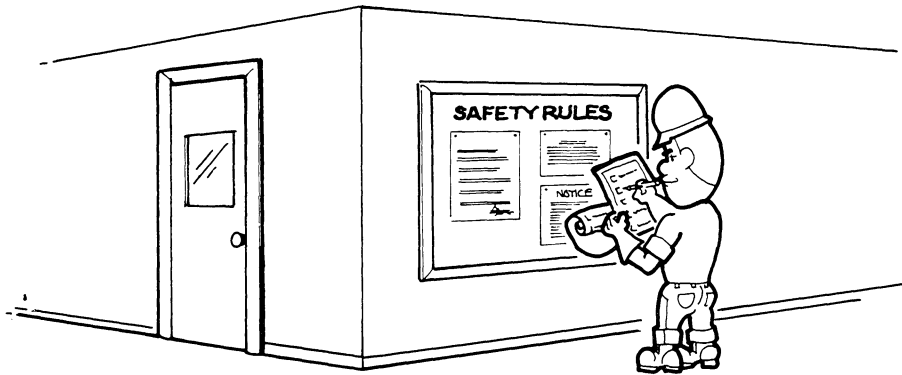
- |                                  |   |
|----------------------------------|---|
| 1. <i>Bucket or Tool</i>         | 7. <i>Batteries and Hydraulic Reservoir</i>   |
| 2. <i>Bucket (Tool) Cylinder</i> | 8. <i>Engine</i>                              |
| 3. <i>Arm</i>                    | 9. <i>Track Adjuster</i>                      |
| 4. <i>Arm Cylinder</i>           | 10. <i>Fuel Tank and Swing Gear Reservoir</i> |
| 5. <i>Boom</i>                   |   |
| 6. <i>Cab</i>                    |   |

## SAFETY

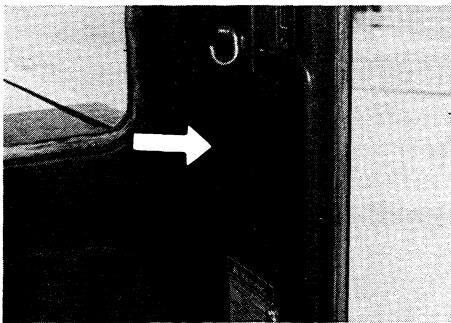
The information in this manual does not replace any safety rules and laws used in your area. Before you operate this machine, learn the rules and laws for your area and make sure your machine has the correct equipment according to these rules and laws.

Your safety and the safety of other persons in the work area are the result of your correct operation of this machine.

1. Know the location and function of all machine controls.
2. Clear the area of other persons before you start the engine.
3. Check all controls in a safe, clear area before you operate the machine on a job site.
4. Understand the limits of the machine.
5. Do not try to do too much too fast.
6. Keep the machine under control at all times.



742672A



Manual Storage Box

835325

## SAFETY DECALS



**WARNING:** *Injury or death can result if you cannot read a safety decal or if a safety decal is missing. Replace any missing or damaged safety decal and keep all safety decals clean. See your Case dealer for new safety decals.*

84-170A

The following safety messages contain the same information as the safety decals on your machine. See the Table of Contents or Index for maintenance of safety decals.



**WARNING:** *Rotating fan and belts. Contact can injure. Keep clear.*

321-3596



**WARNING:** *Check and service cooling system according to maintenance instructions.*

*Hot coolant can spray out of radiator cap if removed.*

*To remove radiator cap: Let system cool; Turn to first notch; Then wait until all pressure is released.*

*Scalding can result from fast removal of radiator cap.*

321-6672



**WARNING:** *Attachment (Bucket, Grapple, etc.) can contact cab. Always maintain clearance between attachment and cab to prevent damage to cab and possible injury. Clearance will decrease when windshield is open.*

321-6694



**WARNING:** *Batteries contain acid and explosive gas. Explosion can result from sparks, flame, or wrong cable connections. To connect jumper cables or charger, see manual(s) for correct procedure. Failure to follow the above instructions can cause serious injury or death.*

321-6714



## SAFETY

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**WARNING:** *Wrong jumper cable connections to starter terminals or shorting across the starter terminals can cause the machine to move suddenly out of control. You can be injured or killed. Use the correct method shown in the operators manual to connect the jumper cable to start the engine.*

321-6718



**WARNING:** *Improper operation of this machine can cause possible injury or death. Before starting the engine . . .*

- . . . Study entire operators manual.*
- . . . Read all safety signs.*
- . . . Clear area of all other persons.*

*Learn and practice safe use of controls before work site operation. It is your responsibility to follow manufacturers instructions on machine operation, service, and to observe pertinent laws and regulations. Operator and service manuals can be obtained from equipment dealer.*

S-231311



**WARNING: ELECTROCUTION HAZARD -** *To prevent serious bodily injury. NEVER operate this or any equipment in an area in which overhead powerlines, overhead or underground cables or power sources exist without first notifying the appropriate power company or utility company to de-energize the lines or take other suitable precautions. NEVER operate machine, any part thereof, or load closer to any electrical powerline or power source than the distance specified or required by Federal, State/Provincial, Local, or other applicable safety codes or regulations. In addition, United States OSHA regulations require a flagman when operating in close proximity to energized powerlines. NEVER operate machine without first consulting Federal, State/Provincial, Local or other applicable safety codes or regulations. It is the employer's responsibility to implement the above precautions and to provide the employee(s) with all safety devices or means that may be necessary or required for any particular use, operations, set-up, or service.*

321-6669

SAFETY

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**WARNING:** *Adjustment cylinder is highly pressurized.*

*To increase track tension: Apply grease to the fitting on the adjustment cylinder.*



*To decrease track tension: Loosen the adapter fitting slowly to allow grease to bleed from the cylinder. Failure to properly bleed the cylinder will result in the adapter flying loose which could result in serious injury.*

321-6272