



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.



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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AFTER DELIVERY CHECKUP

Owner's Name		Date Check-up Performed		
Owner's Address	City		State	
Dealership	City		State	
Excavator has been operated	_	hours.	Model No	
Serial No				
-COOLING SYSTEM-		-EN	IGINE-	
☐ Check radiator coolant level. ☐ Check hose connections. ☐ FUEL SYSTEM- ☐ Drain water and sediment from fuel filter and strainer. ☐ Check fuel line connections. ☐ ELECTRICAL SYSTEM- ☐ Check battery specific gravity and electrolyte level. ☐ Check alternator belt tension. ☐ Check operation of starter, alternator and instruments. ☐ LUBRICATION- ☐ Grease all pressure fittings. ☐ Drain engine oil and refill. ☐ Change engine oil filter. ☐ Check transmission oil level. ☐ Check Swing reduction gearbox oil level ☐ Check track adjustment.		 □ Torque cylinder head bolts. □ Check engine valve tappet clearance. □ Check no load full governed engine speed and idle speed. □ Check engine shut-off operation HYDRAULIC SYSTEM- □ Check hydraulic oil level. □ Check return line filter gauge during operation. □ Check suction line strainer and clean. □ Check relief valve settings GENERAL- □ Clean and check air cleaner. □ Inspect for oil leaks. □ Tighten all accessible bolts. 		
			erning his experience with the ning maintenance or operation	
		Check-u	p Performed by	
		Dealer's	Signature	
	:	Owner's	s Signature	

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DEALER: Question purchase Excavator and answer any that are not clear to him.	ser caref questior	fully conc ns concerr	erning his experience with the ning maintenance or operation		
		Check-u	up Performed by		
Duplicate - Leave in		Dealer's	s Signature		
Operator's Manual for Purchaser	iii	Owner's	s Signature		

TABLE OF CONTENTS

TO THE CASE 880 OWNER
DEFINITION OF RIGHT AND LEFT HAND
SAFETY PRECAUTIONS
SERIAL NUMBER LOCATIONS
GENERAL SPECIFICATIONS
A336 BDT Diesel Engine
Dimensions
Fluid Capacities
Track System
Weights
Hydraulics
Approximate Capacities
Equipment Hydraulic System
Cooling System
Electrical System
OPERATING INSTRUCTIONS 10
Controls in Operator's Cab
Instrument Panel in Operator's Cab
Engine Run-in Procedure
Engine Starting Procedure
Cold Weather Starting
Cold Weather Operation
Hot Weather Operation
Driving the Crawler
FUELS AND LUBRICANTS
Diesel Fuel
Capacities
MAINTENANCE AND LUBRICATION
Lubrication and Servicing Schedule
Lubrication Fitting Locations
Engine Oil and Filters
Diesel Fuel System
Air Cleaning System43
Cooling System
Turbocharger53
Electrical System
Hydraulic System
Mechanical Components 64
ADJUSTMENTS
Main Relief Pressure74
Controls
Drive Brakes 77
ALPHABETICAL INDEX 79

TO THE CASE 880 OWNER

Your new Case 880 Crawler has been designed, built and tested under the strictest conditions to insure you the highest quality and greatest productivity possible. It has been thoroughly tested under a multitude of conditions, many of them you will hopefully never encounter. This handbook has been assembled to acquaint you with the features, capabilities and operating procedures on the 880 Crawler. Read this manual through thoroughly and learn your machine before you attempt to operate it. The regular preventative maintenance and lubrication procedures recommended within will keep your 880 operating smoothly and efficiently for long, productive years. These maintenance procedures should become second nature to you.

As an Authorized Case Dealer, we stock genuine Case parts, which are manufactured with the same precision and skill as the original equipment. Our staff is kept informed on the best methods of servicing Case Equipment and is ready and able to serve you.

Should you require additional aid or information, do not hesitate to contact us. When you do, please include the model number (Case 880 Excavator) and the Serial Number of the machine.

Your Authorized Case Dealer

Definition of Right Hand and Left Hand

To avoid confusion when following the instructions in this manual, the use of the terms "right hand" and "left hand" must be understood. "Right hand" and "left hand" indicate the right and left of the Operator as he sits in the Cab, facing the front of the carbody. Since the turntable can be rotated through 360° , it is possible for the front of the turntable to be over the rear of the carbody. Refer to Figures 1 and 2 below for correct directional reference.

1

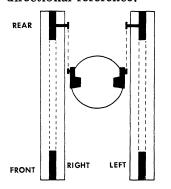


Figure 1. Directional Reference for Carbody.

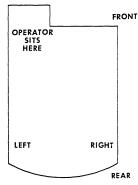


Figure 2. Directional Reference for Turntable.

INTRODUCTION

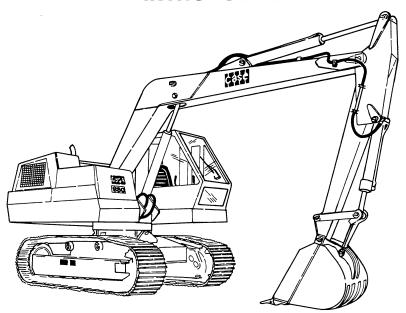


Figure 3. Case 880 Excavator



SAFETY PRECAUTIONS

This symbol points out important safety precautions. It means "Attention! Your safety is involved."

As with any piece of well engineered equipment, this machine could be dangerous in careless hands. Learn these common sense rules for safe operation and FOLLOW THEM! Your life may depend on it.

WARNING: The swing and crowd controls may be interchanged to be either foot pedal or hand lever actuated. Even if you are an experienced 880 Excavator operator, check the controls to be sure they are connected as you are accustomed to operating.

Always use two hands when climbing on or off the 880. The steps can adequately hold any item you may wish to carry up.

Always use EXTREME CAUTION when working in the vicinity of people.

NEVER pass the boom or bucket or any other attachment over people. If necessary use your warning horn and wait for them to move.

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SAFETY PRECAUTIONS

Use utmost CAUTION when working near utility lines. See Electrical Conductor Clearance Chart in this Manual for recommended distances of separation between the boom and the high lines. Remember that it is not necessary to actually come in contact with the high power line for the electrical energy to ground through the machine. See page 5.

Before disconnecting hydraulic lines, set the boom on the ground. Then shut off the Engine and work the controls to relieve pressure in the lines.

When digging near utility pipe lines, always get exact location. This is a MUST when working near gas lines. Mark the location of these lines BEFORE digging. Have someone check the position of these lines while digging.

To prevent slipping, always keep the deck and step areas free of oil, grease and refuse.

Know the area completely surrounding your Excavator. Check thoroughly in all directions before swinging, raising or lowering the boom.

When working in a pit or near high banks, keep a close check on the pit men . . . be quick to alert them to any possible cave-in . . . Beware of caving edges and overhanging banks.

Position machine carefully to allow you to get away from area quickly in the event a slide starts on a high bank.

Before shutting down, pull machine away from high bank or pit.

Load trucks from the rear, after making sure the operator of the truck is out of the cab, and away from the truck.

Make a dry run in tight areas. This will help you determine the best way of operation.

NEVER allow anyone to ride in the bucket or any other attachment on the boom.

Full download: http://manualplace.com/download/case-crawler-excavator-880-operators-manual/



SAFETY PRECAUTIONS

NEVER leave your machine for any amount of time with the boom off the ground.

Keep a fire extinguisher on hand and know how to use it. Check it for proper operation at least monthly.

Don't be a "Cowboy": Flashy, jerky operation may look fast, but the experienced operator knows that a smooth, well-balanced work cycle gets more work done while preventing machine wear and regrettable accidents.

Always keep your eye on a moving load. If you can't see it, get a signalman and have him in full view at all times. Agree on the set of signals to be used ahead of time.

The house brake lever should be kept free of obstructions at all times in the event it must be used for an emergency stop.

Always check height and width of any possible obstructions before traveling with the unit. Check rated capacity of bridges.

Check all controls at start of shift to be sure of proper operation.

NEVER move in any direction you can't clearly see until you have ascertained that all personnel are clear of the area, and it is safe to move the machine.

Do not smoke while refueling or using starting fluid.

Boom with attachment outweighs counterweight. When traveling across steep hills, place the boom on the uphill side if tool is attached. If no tool is attached, place counterweight on uphill side.

Keep the Engine Compartment clean. Clean out oil, grease, trash and flammable materials.

4