

W24
Articulated Loader
Operators Manual

9-2263

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.

AFTER DELIVERY CHECKUP

Owner's Name	Date Checkup Performed	
Owner's Address	City	State
Dealership	City	State

Tractor has been operated _____ hours. Serial No. _____

COOLING SYSTEM

- Check radiator coolant level
- Check for leaks

FUEL SYSTEM

- Check for leaks

ELECTRICAL SYSTEM

- Check battery specific gravity and fluid level
- Check alternator belt tension
- Check operation of starter, alternator and instruments

LUBRICATION

- Grease all pressure fittings
- Drain engine oil and refill
- Change oil filter
- Check transmission oil level
- Check differential and planetary oil level

ENGINE

- Torque cylinder head bolts
- Check valve tappet clearance
- Check no load full governed engine speed and low idle speed

HYDRAULIC SYSTEM

- Check hydraulic reservoir oil level
- Clean inlet filter screen
- Check main relief valve pressure on loader
- Check steering operation

GENERAL

- Check foot and parking brake adjustment
- Service air cleaner
- Inspect for oil leaks
- Tighten all accessible bolts
- Clean all breathers

DEALER: Question purchaser carefully concerning his experience with the loader and answer any questions concerning maintenance or operation that are not clear to him.

Checkup performed by _____

Dealer's signature _____

Owner's signature _____

ORIGINAL -
Dealer

AFTER DELIVERY CHECKUP

Owner's Name	Date Checkup Performed	
Owner's Address	City	State
Dealership	City	State

Tractor has been operated _____ hours. Serial No. _____

COOLING SYSTEM

- Check radiator coolant level
- Check for leaks

FUEL SYSTEM

- Check for leaks

ELECTRICAL SYSTEM

- Check battery specific gravity and fluid level
- Check alternator belt tension
- Check operation of starter, alternator and instruments

LUBRICATION

- Grease all pressure fittings
- Drain engine oil and refill
- Change oil filter
- Check transmission oil level
- Check differential and planetary oil level

ENGINE

- Torque cylinder head bolts
- Check valve tappet clearance
- Check no load full governed engine speed and low idle speed

HYDRAULIC SYSTEM

- Check hydraulic reservoir oil level
- Clean inlet filter screen
- Check main relief valve pressure on loader
- Check steering operation

GENERAL

- Check foot and parking brake adjustment
- Service air cleaner
- Inspect for oil leaks
- Tighten all accessible bolts
- Clean all breathers

DEALER: Question purchaser carefully concerning his experience with the loader and answer any questions concerning maintenance or operation that are not clear to him.

Checkup performed by _____

Dealer's signature _____

Owner's signature _____

DUPLICATE -
Owner

TABLE OF CONTENTS

To the Case Loader Owner	1
Safety Precautions	2
Serial Number Location	5
Specifications	6
Operating Instructions	13
Run-In Procedure	13
Indicators and Controls	14
Loader Controls	19
Return-To-Dig Feature	20
Bucket Height Control	21
Bucket Position Indicator	22
Engine Operation	22
Operating Tips	27
Fuel and Lubricants	31
Fuel	31
Lubricants	33
Maintenance/Lubrication	34
Maintenance Chart	34
Lubrication Points	36
Engine Oil and Filter	38
Fuel System	40
Air Intake System	43
Cooling System	45
Hydraulic and Steering System	49
Transmission Service	51
Front and Rear Axle	54
Brakes	55
Drive Belts	57
Electrical System	60

TO THE CASE LOADER OWNER

The care you give your new Case Loader will greatly determine the satisfaction and service life you will obtain from it. Use this manual as your guide. By observing the instructions and suggestions in this manual, your Case Loader will serve you well for many years.

As an Authorized Case Dealer, we stock Genuine Case Parts, which are manufactured with the same precision and skill as the original equipment. Our factory trained staff is kept well informed on the best methods of servicing Case equipment and is ready and able to help you.

Should you require additional aid or information, contact us.

Your Authorized Case Dealer

To insure efficient and prompt service, please furnish us with the Model, Serial, Transmission, Axle and Engine Numbers of your Loader in all correspondence or contacts.

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



Look for the symbol to point out important safety precautions. It means - ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!

Price of this Manual 95¢

Sept. 1973



SAFETY PRECAUTIONS



DON'T TAKE CHANCES - Use this manual to thoroughly familiarize yourself with your loader. The safety precautions listed below are for your protection. **BE SAFETY CONSCIOUS.**

Pre-Starting Tips

1. Wear the proper safety equipment - avoid loose clothing. If you feel that additional safety equipment is required, notify your foreman.
2. Always carry a fire extinguisher and first aid kit.
3. Familiarize yourself with the local terrain, under ground cables, gas lines, mains, etc.
4. Know the hand signals, flags or signs to be used on the job site.
5. Visually check out your loader for leaks and broken, missing or malfunctioning parts.
6. Be sure the operator's area is free of oil, ice or loose objects.
7. Check that the parking brake is set and the transmission is in neutral before starting the engine.

Operational Tips

8. Clear the area of all unauthorized people.
9. Never operate the loader in a closed shed or garage without proper ventilation.
10. Do not operate the loader or its controls from any position other than the operator's seat.
11. After the engine is started, observe the instruments for proper indications. Leave the parking brake set until at least 65 psi is indicated on air pressure gauge.
12. Test steer the loader for proper operation and braking.
13. Be extremely careful when working on banks or hillsides.