


**International 1501 Loader for
International 424 Tractor**

OPERATOR'S MANUAL

1018974R1

Reprinted

CASE III




 *THIS SAFETY ALERT SYMBOL INDICATES IMPORTANT SAFETY MESSAGES IN THIS MANUAL. WHEN YOU SEE THIS SYMBOL, CAREFULLY READ THE MESSAGE THAT FOLLOWS AND BE ALERT TO THE POSSIBILITY OF PERSONAL INJURY OR DEATH.*

M171B

If Safety Decals on this machine use the words **Danger, Warning or Caution**, which are defined as follows:

- **DANGER:** Indicates an immediate hazardous situation which if not avoided, will result in death or serious injury. The color associated with Danger is RED.
- **WARNING:** Indicates an potentially hazardous situation which if not avoided, will result in serious injury. The color associated with Warning is ORANGE.
- **CAUTION:** Indicates an potentially hazardous situation which if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices. The color associated with Caution is YELLOW.

If Safety Decals on this machine are ISO two panel Pictorial, decals are defined as follows:

- The first panel indicates the nature of the hazard.
- The second panel indicates the appropriate avoidance of the hazard.
- Background color is YELLOW.
- Prohibition symbols such as   and  if used, are RED.



WARNING

IMPROPER OPERATION OF THIS MACHINE CAN CAUSE INJURY OR DEATH. BEFORE USING THIS MACHINE, MAKE CERTAIN THAT EVERY OPERATOR:

- Is instructed in safe and proper use of the machine.
- Reads and understands the Manual(s) pertaining to the machine.
- Reads and understands ALL Safety Decals on the machine.
- Clears the area of other persons.
- Learns and practices safe use of machine controls in a safe, clear area before operating this machine on a job site.

It is your responsibility to observe pertinent laws and regulations and follow Case Corporation instructions on machine operation and maintenance.



OPERATOR'S MANUAL

SETTING UP INSTRUCTIONS

**OPERATION
MAINTENANCE
LUBRICATION**

INTERNATIONAL 1501 Loader

for
**INTERNATIONAL
424 Tractor**



TO THE OWNER

The purpose of this manual is to assist you in realizing the benefits you anticipated when you purchased this International Harvester product. Literally thousands of people have contributed to the design and production of this product and its delivery to you. They have an interest in its successful performance and have provided this manual to give you the benefit of the experience they have gained through years of field testing and normal usage of this and similar products.

The way you operate and the care you give this product will have much to do with its successful performance. This manual has been carefully prepared and the information arranged and illustrated to make it as easy as possible for you to find the information you wish. It will pay you to read the entire manual carefully before operating and keep it handy for future reference. Your International Harvester Dealer will be glad to answer any further questions you may have on the operation of this product.

It is the policy of the International Harvester Company to improve its products whenever it is possible and practical to do so. We reserve the right to make changes or add improvements at any time without incurring any obligation to make such changes on products sold previously.

All illustrations and descriptive matter in this publication apply to International Harvester products sold under the International, McCormick, McCormick-International, McCormick-Deering, or McCormick-Deering International trade name.

INDEX

DESCRIPTION	PAGE
INTRODUCTION	2
ADJUSTING AND OPERATING	3-5
Ballast	4
Boom Control	3
Cold Weather Starting	4
Hydraulic Bucket Control	3
Hydraulic System	4
Mechanical Bucket Trip	3
Operating Hints and Procedures	4, 5
Operating Speed	4
Tractor Operation Not Using Loader	4
Tractor Slippage	4
Transporting	4
FINDING TROUBLE	16, 17
LUBRICATION	18
MAINTENANCE	6
Adding Fluid after Connecting Cylinders and Hoses	6
Daily Maintenance Check	6
Filter Service	6
SETTING-UP INSTRUCTIONS	7-15
Bolt and Nut Torque Data	7
Boom	9
Boom Lift Cylinders	10
Bucket	10
Bucket Control Cylinder	14
Hydraulic System (Hydraulic Bucket Control)	14
Hydraulic System (Mechanical Bucket Control)	12, 13
Mechanical Latch Trip Bucket Control	11
Preparing Your Tractor	7
Snow Bucket	15
Spill Guard Attachment	15
Sub Frame and Grille Guard	8, 9
Tine Cover	15
SPECIFICATIONS	19

INTRODUCTION



Illust. 2A

H 458

This manual contains instructions for operating as well as lubricating and installing the International 1501 Front Mounted Loader on the International 424 Tractor.

The loader will improve your working conditions with its fast, smooth action and superior ease of handling in respect to its loading ability.

Either the 40" Manure Bucket or the 40" Material Bucket can be equipped with the mechanical latch bucket trip or the hydraulic cylinder bucket control.

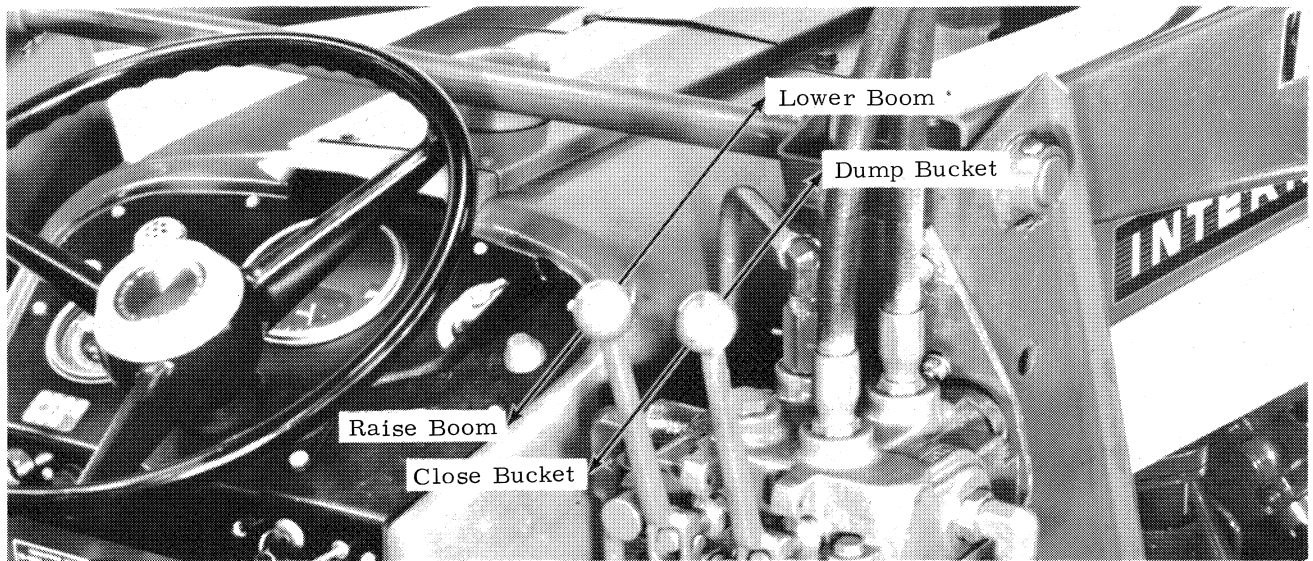
If you should require information not given in this manual or if you should need the services of a trained mechanic, get in touch with your local

International Harvester Dealer. Dealers are kept informed on the latest methods of servicing our equipment. They carry stocks of I. H. parts and they are backed in every case by the full facilities of a nearby International Harvester District Office.

Throughout this manual, the use of the terms LEFT and RIGHT, will indicate the left and right side of the machine when sitting in the operator's seat facing forward. FRONT is the radiator end of the tractor and REAR is the drawbar end.

Illustrations are numbered to correspond with the page number on which they are located. Therefore, if reference is made to Illust. 2B, you know that the illustration appears on page 2. The letter "B" indicates that it is the second illustration on that particular page.

ADJUSTING AND OPERATING INSTRUCTIONS



Illust. 3A

H 462

BOOM CONTROL

The single acting boom lift cylinders are activated by the control handle of a one spool valve or the inner control handle of a two spool valve. Move the control handle forward to lower the boom and rearward to raise the boom.

CAUTION: When it is necessary to stop the loader at any point between the extreme upper and lower positions when lowering the boom, CLOSE

THE CONTROL VALVE SLOWLY! Sudden operation of the control valve handle will cause the load to bounce, applying high stresses to the boom arms.

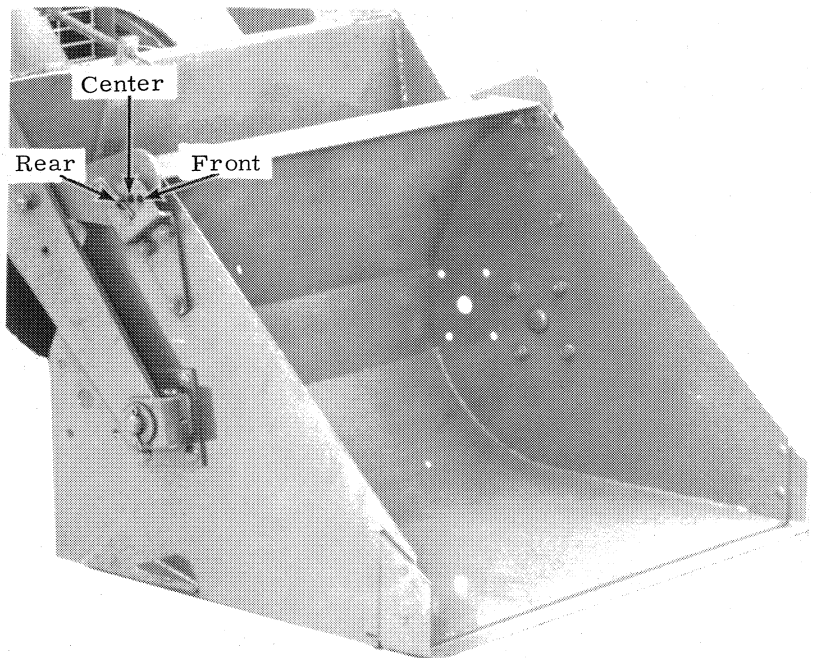
HYDRAULIC BUCKET CONTROL

The double acting hydraulic bucket cylinder is activated by the outer handle of a two spool control valve. Move the control handle forward to dump the bucket and rearward to close the bucket.

MECHANICAL LATCH BUCKET TRIP

After the boom is raised, the bucket can be dumped instantly by moving the bucket release handle toward the rear. The handle is spring loaded and will return to its original position when released. The bucket is free to swing and should return to the latched position, however, if for some reason it does not, lowering the bucket to the ground will latch it automatically.

The pitch of the bucket may be changed to suit various digging conditions. Three positions are provided on the bucket side. The center position will set the bucket level with the bucket at ground level, the front position lifts the front of the bucket off the ground, whereas, the rear position tips the front of the bucket downward. To change the degree of the bucket, simply pull out the quick-attachable cotter pins, remove the standard head pins, move the roller to the desired position and replace the pin and cotter. Be sure the pins are in corresponding holes on both sides of the bucket.



Illust. 3B

H 458

Be sure the pins are in corresponding holes on both sides of the bucket.

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