



**International
Harvester
Operator's Manual
Wagner**

**100, 120, 140, 260, 265,
365 & 456 Loaders
65 & 95 Backhoes**

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Operator's Manual

IH-O-WAGNER

Operator's Manual



**INTERNATIONAL[®]
WAGNER**

Models

**100, 120, 140, 260, 265,
365, and 465 Loaders**

and

Models

65 and 95

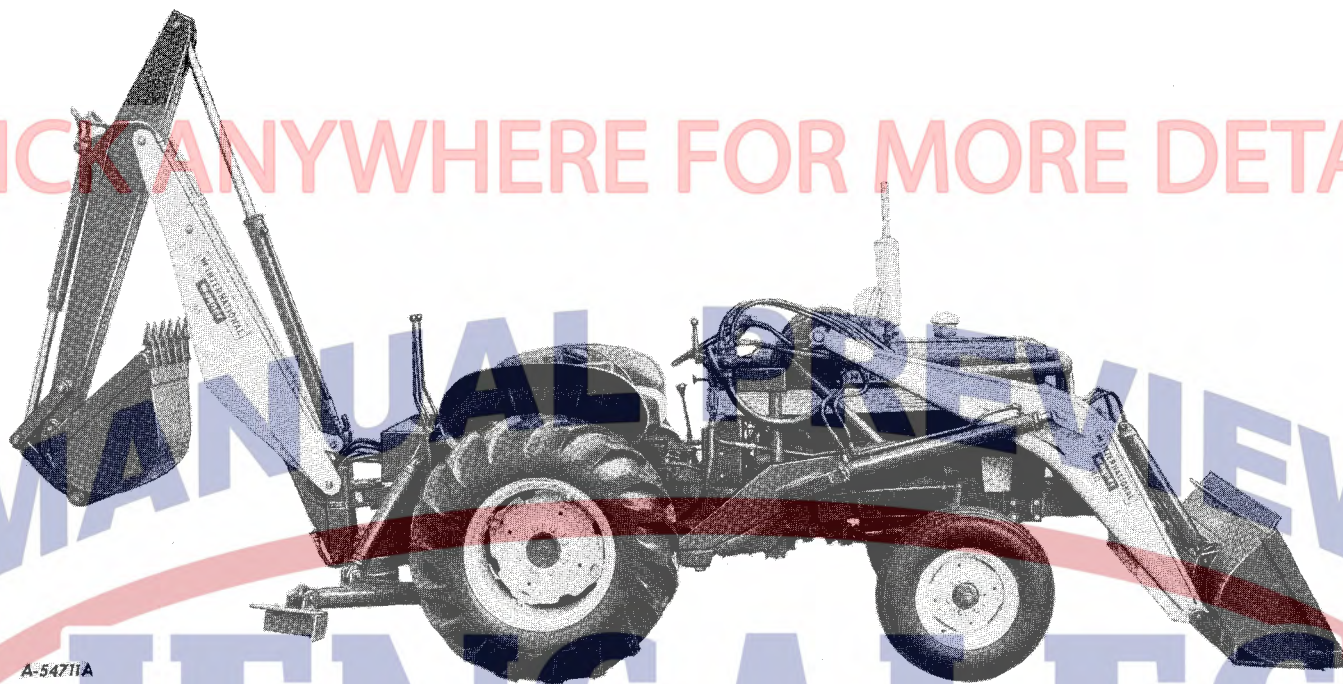
Backhoes

INTERNATIONAL HARVESTER COMPANY

180 North Michigan Ave.

Chicago 1, Illinois, U.S.A.

CLICK ANYWHERE FOR MORE DETAILS



A-54711A

Models 140 Loader and 65 Backhoe
on an International 340 Utility Tractor.



A-54560A

Model 260 Loader on an
International 460 Utility Tractor.

CLICK ANYWHERE FOR MORE DETAILS

INTRODUCTION

Assembled in this book are operating and maintenance instructions for the International Wagner Models 100, 120, 140, 260, 265, 365, and 465 Loaders and Models 65 and 95 Backhoes. This material has been prepared in detail in the hope that it will help you to better understand the correct care and efficient operation of these products.

If you should need information not given in this manual, or require the services of a trained mechanic, get in touch with the International Harvester dealer in your locality. Dealers are kept informed on the latest methods of servicing and are backed in every case by the full facilities of a nearby International Harvester District Office.

When considering the tractor or loader; the use of the terms **LEFT**, **RIGHT**, **FRONT**, and **REAR** must be understood to avoid confusion when following instructions. **LEFT** and **RIGHT** indicate the left and right sides of the tractor when facing forward in the driver's seat. Reference to **FRONT** indicates the radiator end of the tractor; to **REAR**, the drawbar end of the tractor. When considering the backhoe, the reverse is true since the operator faces in the opposite direction.

Illustrations are numbered to correspond with the page number on which they are located. Therefore, if reference is made to **Illustr. 4B**, for example, you know that the illustration appears on page 4. The letter "B" in **Illustr. 4B** indicates that it is the second illustration on that particular page.

In order to provide the product equipped as nearly as possible to suit each customer's needs, a variety of extra equipment and accessories is available. Many of the available attachments are illustrated at the back of this book. Your IH dealer will be pleased to furnish additional information.

Where operating and maintaining instruction on these items is required, it is included in the instructions for operating and maintaining the product. Disregard the instructions for equipment not on your backhoe or loader.

When in need of parts, always specify the model and serial numbers. The loader model and serial numbers are stamped on a name plate attached to the right side frame. See **Illustr. 4A**.

The backhoe serial number is stamped on a name plate. For location of the name plate, see **Illustrs. 4B and 4C**.

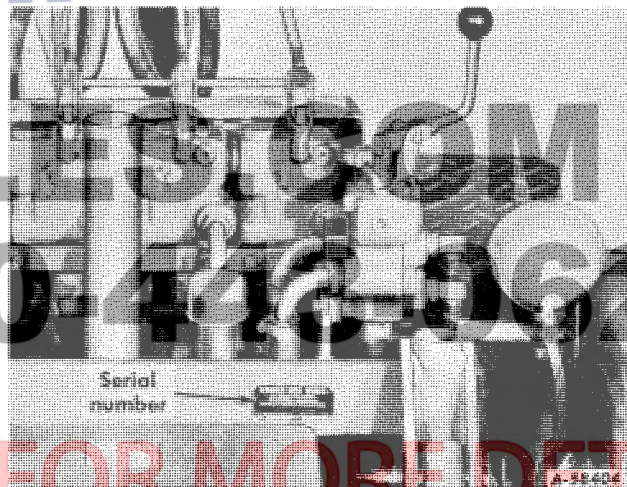
For ready reference, we suggest that you write these serial numbers in the spaces provided on the Delivery Report.



Illustr. 4A
Location of loader model and serial numbers.

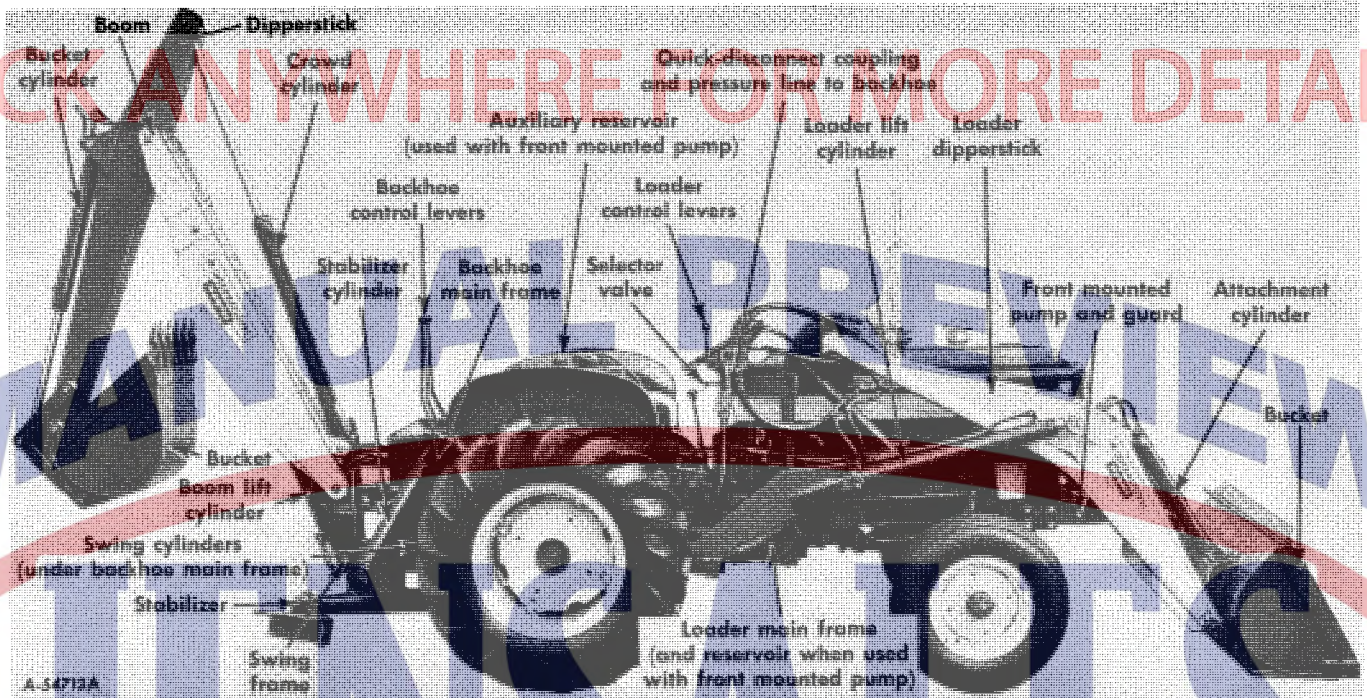


Illustr. 4B
Location of Model 65 Backhoe serial numbers.



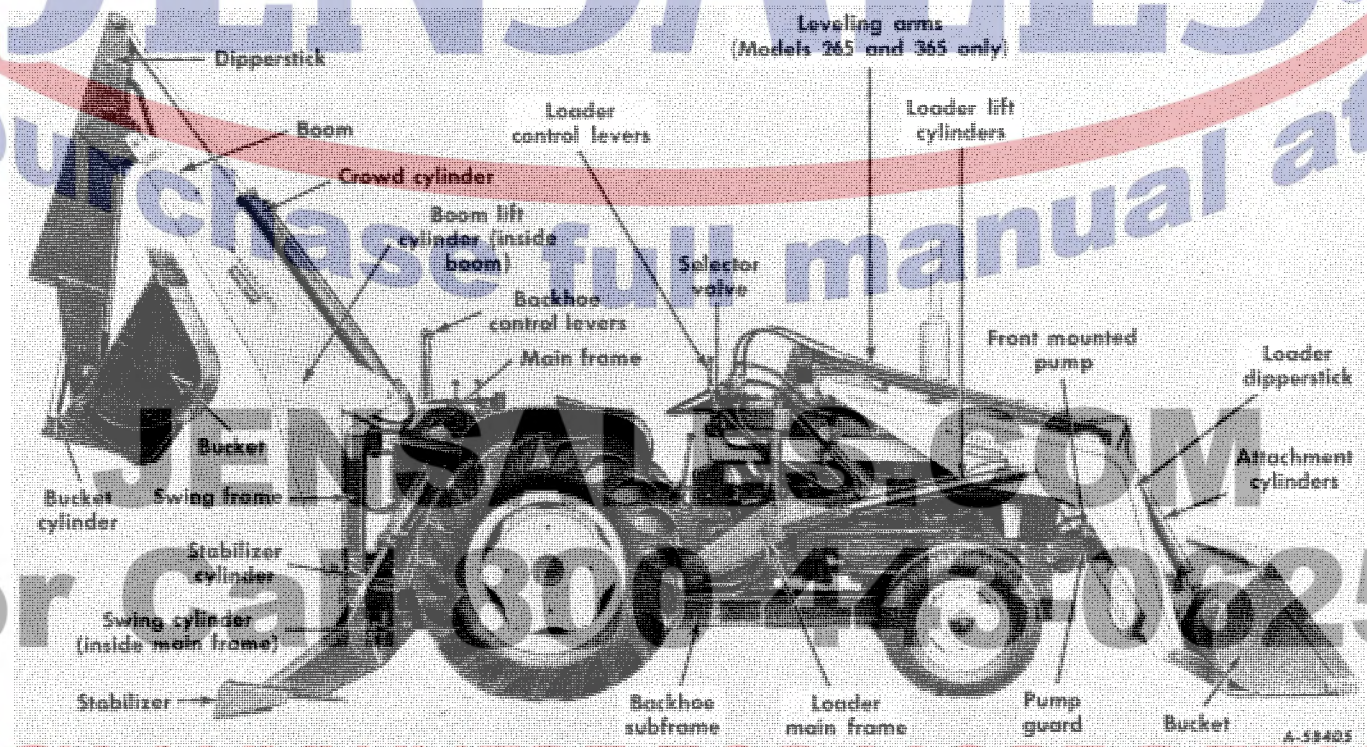
Illustr. 4C
Location of Model 95 Backhoe serial number.

DESCRIPTION



(Illust. 5A)

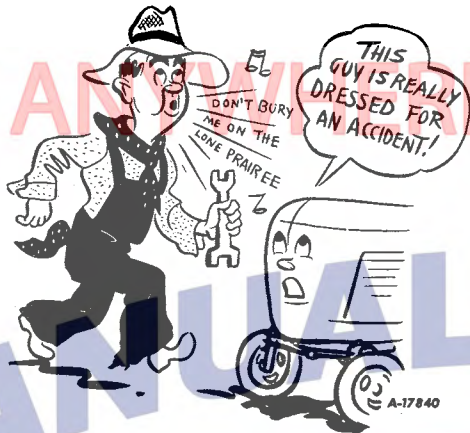
Location of units and parts on the combination Models 140 Loader and 65 Backhoe.
(Model 120 Loader is similar to Model 140.)



(Illust. 5B)

Locations of units and parts on the combination Models 265 Loader and 95 Backhoe.
(Models 260 and 365 Loaders are similar.)

OPERATING THE BACKHOE



Loose or "floppy" clothing should not be worn by the operator because of the danger of it wrapping on or getting into the moving parts.

BACKHOE CONTROLS

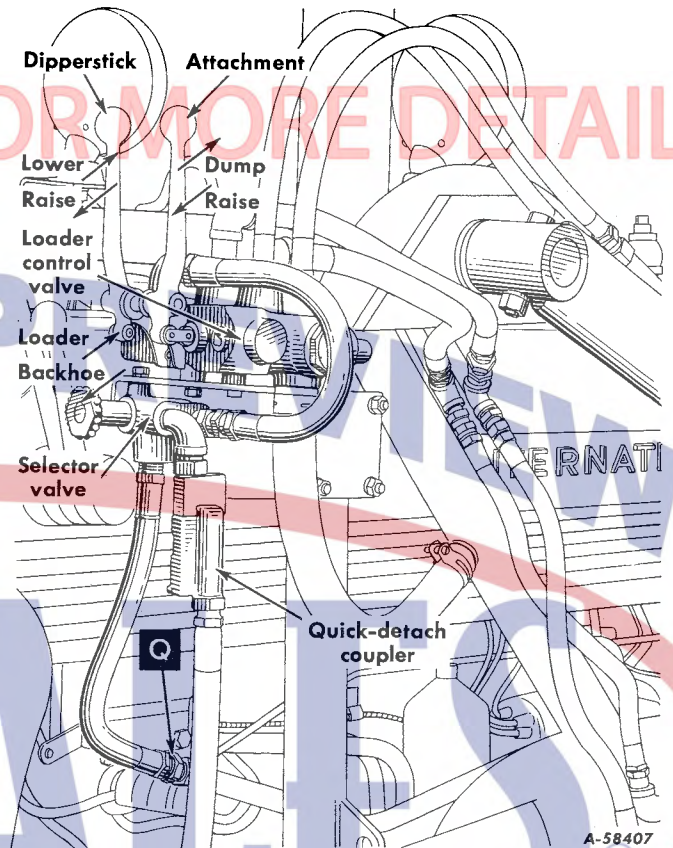
Move the unit into position, pull out on the selector valve knob (Illustr. 7A) and set the tractor engine speed at 1,000 r.p.m. If the backhoe is equipped with travel locks, be sure these are disconnected from the boom. See Illustr. 7B.

When any of the control levers are moved TOWARD the operator, the movement of the member controlled by that lever is TOWARD the operator. When a lever is moved AWAY from the operator the machine action is AWAY.

CONTROLS SHOULD ALWAYS BE MOVED SLOWLY AND SMOOTHLY. Light, rhythmic handling of the controls results in the most efficient digging and avoids wear and breakage.

As viewed from the operator's seat, the control lever at the operator's left controls the movement of the dipperstick. Operation of the second from the left control lever raises or lowers the boom. The third lever from the left actuates the movement of the bucket. Pushing the fourth lever will move the swing to the left and pulling this lever will move the swing to the right. See Illustrs. 8A and 8B.

The short control lever toward the LEFT controls the LEFT stabilizer. When pulled TOWARD the operator, the stabilizer raises TOWARD the operator, and when PUSHED the stabilizer moves DOWN and AWAY. The RIGHT short lever controls the RIGHT stabilizer.



Illustr. 7A
Selector valve mounted on loader control valve bracket.



Illustr. 7B
Travel locks for backhoes.



IMPORTANT RULES FOR SAFE OPERATION

When lowering the loader lift arms always lower smoothly. Do not open the valve full and then snap it closed.

Over inflation of front tractor tires to increase loader capacity will be found very uneconomical.

The lower the load is carried, the greater the safety factor.

When carrying a load, watch for ridges or depressions. Drive slowly over rough or uneven ground.

Do not make sharp turns when backing with the bucket filled and raised.

Avoid operating sideways on steep slopes whenever possible.

Never leave a loader in a raised position or work under a raised loader unless it is securely blocked.

LUBRICATION

Use IH hydraulic fluid in the system if the system is independent of the tractor hydraulic system. If the system uses the tractor transmission as a reservoir, refer to the Tractor Preventive Maintenance Manual for the correct type of hydraulic fluid to use.

For the lubrication fittings use a pressure gun lubricant that will perform satisfactorily in sub-zero as well as high temperatures. It must also have a high adherence quality since this type of equipment must work under dry and dusty as well as wet and muddy conditions.

LUBRICATION GUIDE

To make the lubrication job easy, extend the dipperstick and lower the boom.

Grease all fittings thoroughly using the tractor grease gun. If grease fails to go through the bushing at any point, determine the cause and correct it immediately.

Key to Lubrication Guide
See Illusts. 10A and 10B.

 Twice daily or after every five hours of operation

1. Bucket pivot pins (2)
2. Bucket linkage pins (2)
3. Swing linkage pins (8)

 Daily or after every 10 hours of operation

4. Actuating cylinder base pin.
5. Dipperstick cylinder pins (2)
6. Dipperstick pivot pin
7. Boom cylinder pins (2)
8. Swing frame pin
9. Boom base pin
10. Stabilizer pivot pins (2)
11. Stabilizer pad pins (2)
12. Loader dipperstick arm pivot pins (2)
13. Loader dipperstick arm cylinder pins (4)
14. Loader bucket cylinder pins (4)

 Weekly or after every 50 hours of operation

15. Swing cylinder base pins (2)
(Model 95 Backhoe)