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MANUAL PREVIEW

# International Harvester

Operator's Manual

3121, 3131 & 3141

Backhoe Attachment

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Operator's Manual

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IH-O-3121+



## To The Owner

Your new International Harvester backhoe is designed to meet today's exacting operating requirements. The ease of operation and the ability to adjust to field conditions lighten your work and shortens your hours on the job.

You are urged to consult with your International Harvester dealer concerning unusual field conditions. Let the experience of your dealer and the organization associated with him serve you.

Be sure to read the instructions for Adjusting and Operating in this manual. Check each item referred to and acquaint yourself with the adjustments required to obtain efficient operation and maximum trouble-free performance.

**REMEMBER, EQUIPMENT WHICH IS PROPERLY LUBRICATED AND ADJUSTED SAVES TIME, LABOR, AND FUEL.**

Clean and inspect your machine periodically. Preventive maintenance pays dividends. Your dealer has original-equipment parts which assure proper fit and best performance. He is able to recondition your equipment to a like new condition.

Additional copies of this manual may be ordered from your International Harvester dealer at a nominal price.

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## INTRODUCTION

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International 3141 Backhoe shown on International 500C Crawler Tractor with International 75C Loader.

This manual contains the operating and maintenance instructions for the International 3121, 3131, and 3141 Backhoes.

The backhoes are designed to operate independently mounted, or in combination with loaders, dozers, or bullgraders on International Harvester tractors as shown in the table.

The instructions contained in this manual pertain to all of the backhoes on all of the wheel tractors and crawler tractors, unless otherwise specified.

In order to provide a backhoe equipped as nearly as possible to suit each customer's needs, a complete line of buckets and three different type stabilizer pads are available.

By referring to the illustration on page 1, the operator can familiarize himself with the nomenclature of the parts and units of the machine and their location.

Where operating instructions are required, they are included in the instructions for Ad-

justing and Operating. Disregard instructions for equipment not on your machine.

LEFT and RIGHT indicate the left and right sides of the machine when facing forward in the tractor driver's seat. FRONT indicates the radiator end and REAR indicates the backhoe end of the machine. When ordering service parts, follow the above procedure. When operating the backhoe, the reverse is true, since the operator will face in the opposite direction.

Illustrations are numbered to correspond with the page number on which they are located. Therefore, if reference is made to Illust. 4A, for example, you know that the illustration appears on page 4.

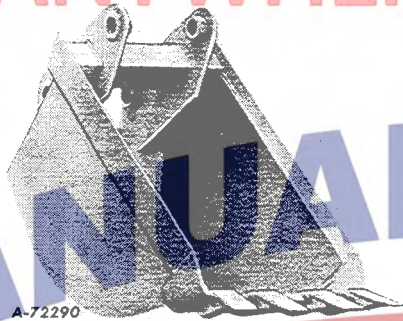
Pivot points have hardened pins and replaceable bushings where required.

Front end weights are available from your International Harvester dealer to counterbalance the backhoe, assuring better tractor stability. Refer to pages 34, 35 and 36.

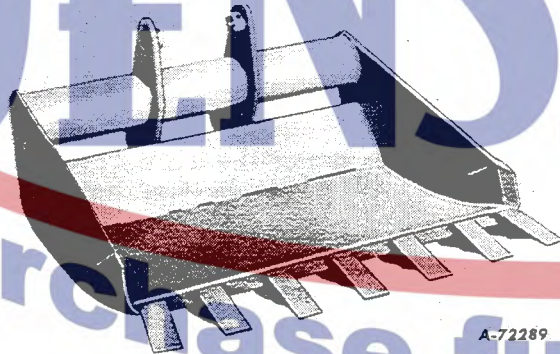


## OPTIONAL EQUIPMENT

### BUCKETS



Illustr. 35  
18-inch trenching bucket is shown.  
Trenching buckets also available 12, 16,  
20, 22, 24, 26, 28, 30, 32, 34, and 36-inch, and 24 and 30-inch  
high capacity, and 24, 30, and 36-inch heavy duty  
and 24-inch high capacity heavy duty.  
These buckets are designed for fast, full-filling each cycle.



Illustr. 35A  
36-inch combination bell-hole and cemetery  
bucket is shown. 18 and 24-inch buckets are also  
available. These buckets are designed especially for  
cutting straight sides and square corners.

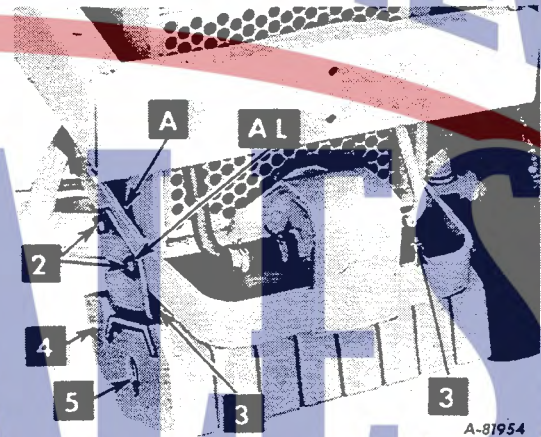


Illustr. 35B  
18-inch moles paw bucket is shown.  
Also available is a 24-inch bucket.

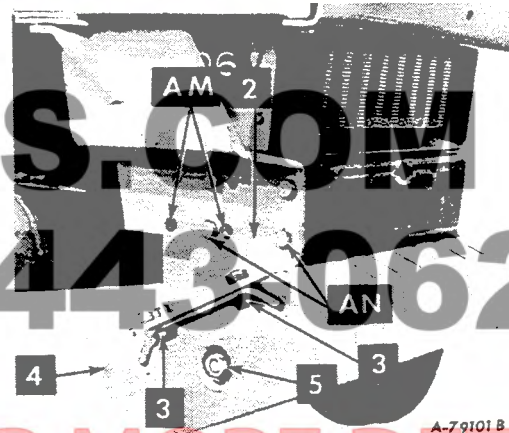
### FRONT END WEIGHTS

To better stabilize your loader-backhoe,  
dozer-backhoe, or bullgrader-backhoe com-  
bination, counterweight on the front end may  
be required. Front end weights are available  
from your International Harvester dealer.

Attaching the Weights on Wheel Tractors



Illustr. 35C  
Weights for International  
2424 and 2444 Tractors.



Illustr. 35D  
Weights for combination loader-backhoe  
on International 504, 2504, 606, and  
2606 Tractors.