

150 BOLSTER HOIST



OPERATORS MANUAL

150 BOLSTER HOIST

OMC18662 B7 English

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ENGLISH



TO THE PURCHASER

This manual covers the operation, service, and assembly instructions for the John Deere 150 Bolster Hoist.

This hoist has been designed to give many years of trouble-free service. Its satisfactory operation and long life will depend, however, on proper operation and care. The first recommendation is that you read this manual carefully and follow the instructions. By doing this, you may save yourself time and money in the field. Should you need additional information, see your John Deere dealer.

Lubrication is very important. Refer to the Lubrication Chart.

When in need of parts see your John Deere dealer. He is equipped to provide genuine John Deere parts and service.



Right- and left-hand reference is determined by standing at the rear of the wagon and facing the forward direction of travel.

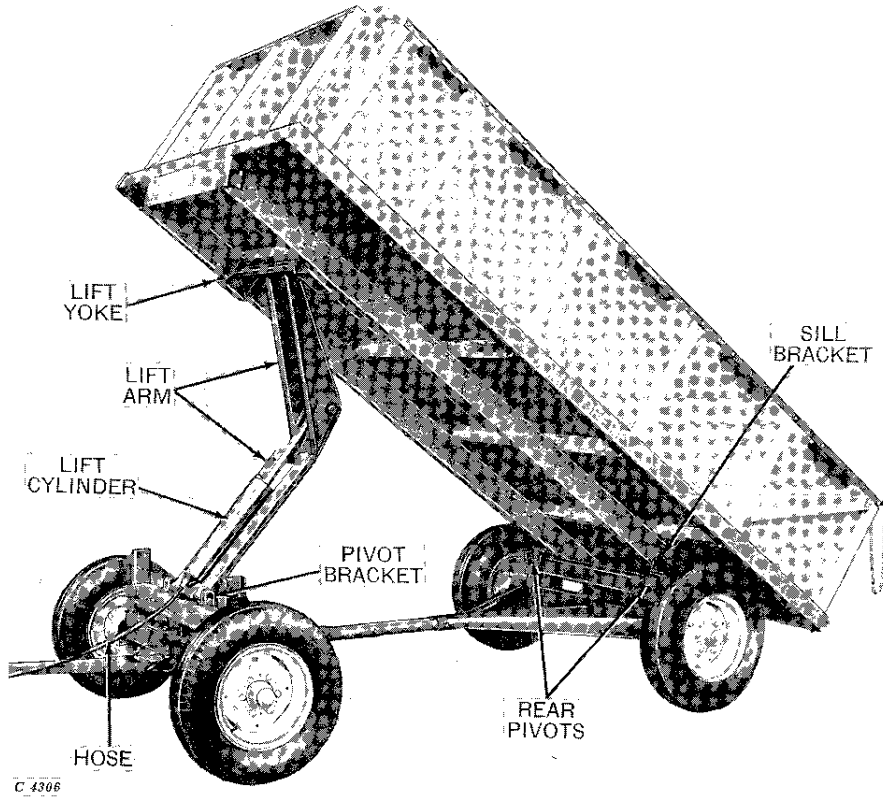
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JOHN DEERE 150 BOLSTER HOIST

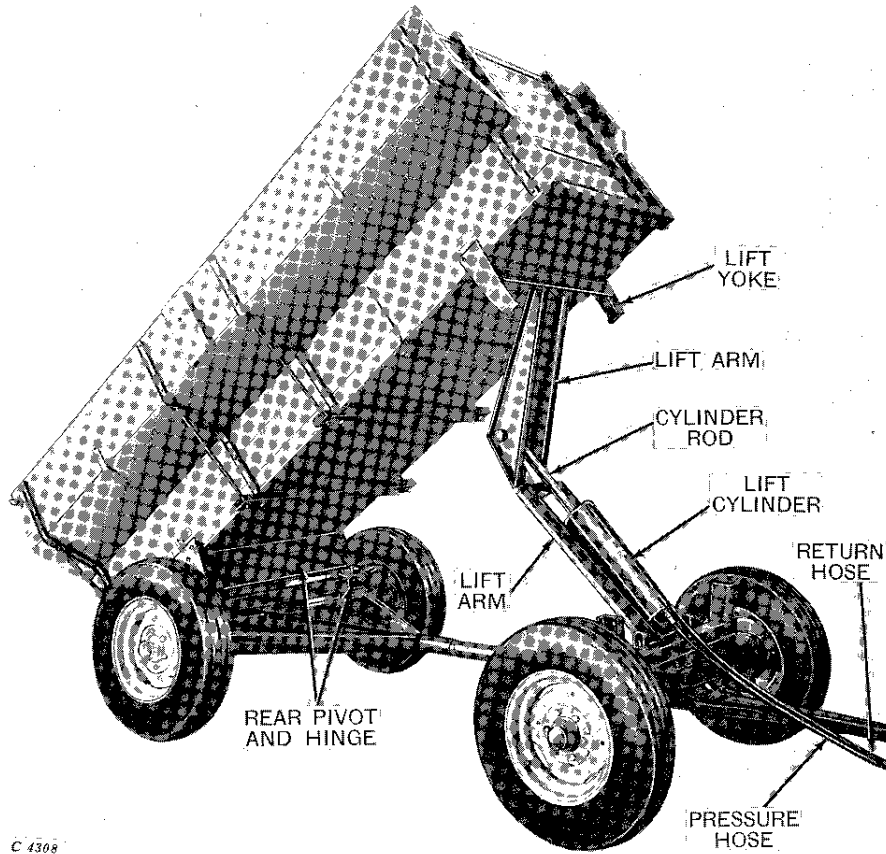
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*John Deere 150 Bolster Hoist Equipped for Single-Action Operation,
Used with a Barge-Type Wagon Box*



C 4308

*John Deere 150 Bolster Hoist Equipped for Double-Action Operation,
Used with a Flare-Type Wagon Box*

DESCRIPTION

The John Deere 150 Bolster Hoist is designed for use with John Deere 953, 963, 1064, 1065, and 1074 Wagon Gears. When using the bolster hoist on 1065 or 1074 Wagon Gears, do not load the wagon beyond the 10,000-pound capacity of the hoist.

Depending on the wheelbase of the wagon gear, the hoist will hold the wagon at any angle up to 37 degrees.

Single-action cylinder operation utilizes one hose from the tractor hydraulic system to the cylinder to exert hydraulic oil pressure on one side of the lift cylinder piston only. Single-action cylinder operation is generally used with John Deere 520, 530, 620, 630, and 720 Tractors.

Double-action cylinder operation utilizes two hoses from the tractor to exert hydraulic oil pressure on both sides of the lift cylinder. The double-action hydraulic cylinder serves as a reservoir to increase hydraulic oil capacity. Double-action cylinder operation must be used with John Deere A, B, G, 40, 50, 60, 70, 320, 330, 420, 430, 1010, 1020, 2020, 2510, 3010, 3020, 4010, and 4020 Tractors.

The bolster hoist can be used with other makes of tractors having a minimum of 950 psi hydraulic oil pressure. For other tractors, consult your tractor operator's manual for tractor preparation and operation instructions.

SPECIFICATIONS

| | |
|--|-------------------------------------|
| Weight | 194 Pounds |
| Load Capacity | 10,000 Pounds |
| Over-All Length | 35-1/2 Inches |
| Over-All Width | 18-5/8 Inches |
| Over-All Depth | 11-1/2 Inches |
| Hoist Opening | 59 Inches |
| Cylinder Type | Single- or Double-Action |
| Cylinder Stroke | 17 Inches |
| Cylinder Size | 4 or 5 Inches |
| Cylinder Oil Capacity | 3-5/8 or 6 Quarts |
| Piston Rod | Chrome Plated |
| Piston Rod Size | 1-3/4 Inches |
| Tractor Hydraulic Pressure Requirements: | |
| 4-Inch Cylinder | 1500 to 2250 Psi |
| 5-Inch Cylinder | From 950 Psi but less than 1500 Psi |
| Wagon Box Type | Barge- or Flare-Type |

(Specifications and design subject to change without notice.)

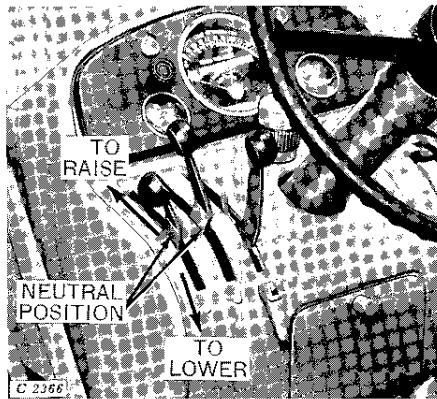
OPERATION

CONTROLS

When the 150 Bolster Hoist is used with a John Deere tractor, the remote cylinder operating lever is used to control the operation of the hoist. The location of the remote cylinder operating lever varies with the series and model of the tractor.

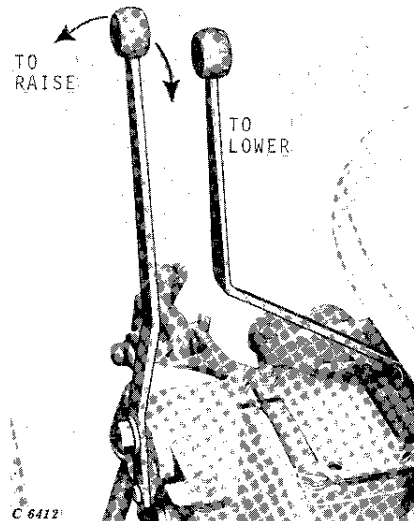
Information about operating other models of John Deere tractors or other makes of tractors, is covered in the tractor operator's manual.

JOHN DEERE 1020, 2010, 2020, 2510, 3010, 3020, 4010, AND 4020 SERIES TRACTORS



John Deere 3010 Tractor

Moving the proper operating lever on the tractor will raise or lower the bolster hoist. The hoist may be stopped at any point between fully raised or lowered, by returning the operating lever to the center or neutral position. Pushing the lever fully forward or rearward will operate the hoist at the fastest speed. When the end of the cylinder rod travel is reached, the operating lever will return to the neutral position.



John Deere 1020 Tractor

The operating speed of the hoist may be varied by adjusting the tractor selective control valve. For information concerning selective control valve adjustment, see your tractor operator's manual.

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