

45W Hydraulic Loader (Series 1)



JOHN DEERE

OPERATORS MANUAL 45W Hydraulic Loader (Series 1)

OMC42257 B7 English

OMC42257 B7

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ENGLISH



TO THE PURCHASER

This manual covers the operation and service instructions for the John Deere 45W Hydraulic Loader, "Series 1." This loader has been designed to give many years of satisfactory service.

The successful operation and long life of the machine depends, of course, on proper operation and the care given it. The first recommendation is that you read this manual carefully and follow the instructions. By so doing you may save much time and expense in the field. If additional information is needed, see your John Deere dealer.

Lubrication is very important. Refer to Lubrication Charts.

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

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

Before you forget, fill in the information below.

IDENTIFICATION

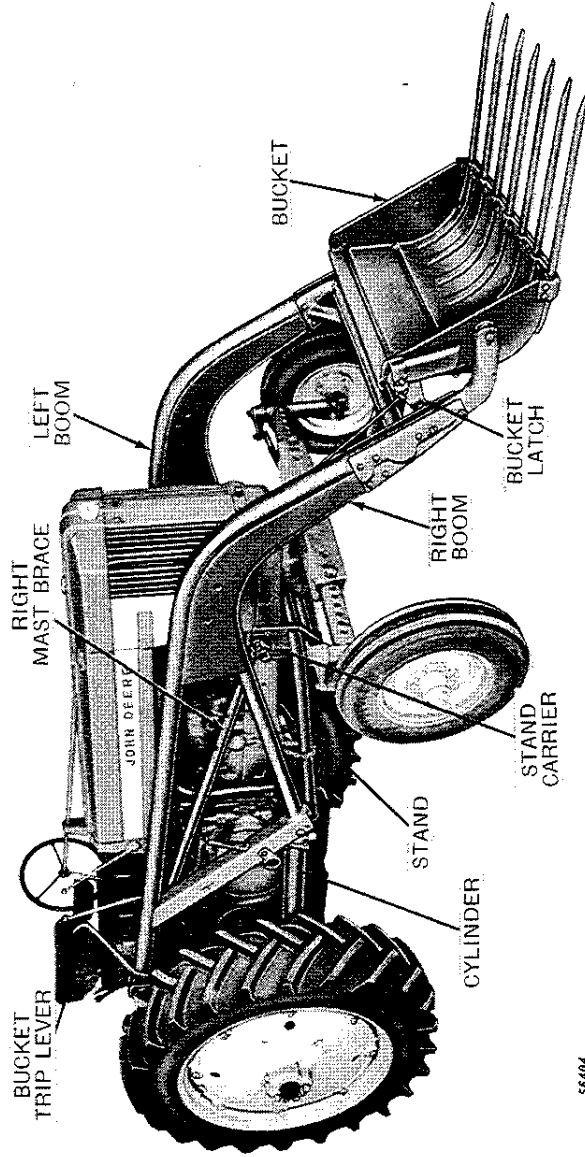
Series No.

(The Series Number Plate is attached to the rear truss of the right boom member.)

Date Purchased.

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John Deere 45W Loader on John Deere "620" Tractor with adjustable front axle

56604

SPECIFICATIONS

The John Deere 45W Hydraulic Loader has been designed for use with the following Tractors:

John Deere "420" and "40" Series Tricycle Type Tractors with dual or single front wheel, or adjustable front axle, and with remote cylinder control valve or special loader control valve equipment.

John Deere "520," "620," and "720" Series Tractors with dual or single front wheels or adjustable front axle and with remote cylinder function.

John Deere "50," "60," "70," "A," "B," or "G" Tractors with dual or single front wheels, or adjustable front axle, and with Powr-Trol or Powr-Trol conversion.

I.H.C. Farmall H, Super H, M, Super MTA, No. 300 and No. 400 tractors.

The power for operating the loader is derived from the tractor hydraulic system. Raising and lowering the loader boom is accomplished by means of the tractor hydraulic control lever.

| | |
|--|--------------|
| Weight (Gross)..... | 943 Lbs. |
| Over-all length (On John Deere "620" Tractor)..... | 16-Ft. 6-In. |
| Rated Breakaway Capacity..... | 1800 Lbs. |
| Rated Lift Capacity..... | 2100 Lbs. |
| Lift Height (To heel of bucket)..... | 11-Ft. 6-In. |

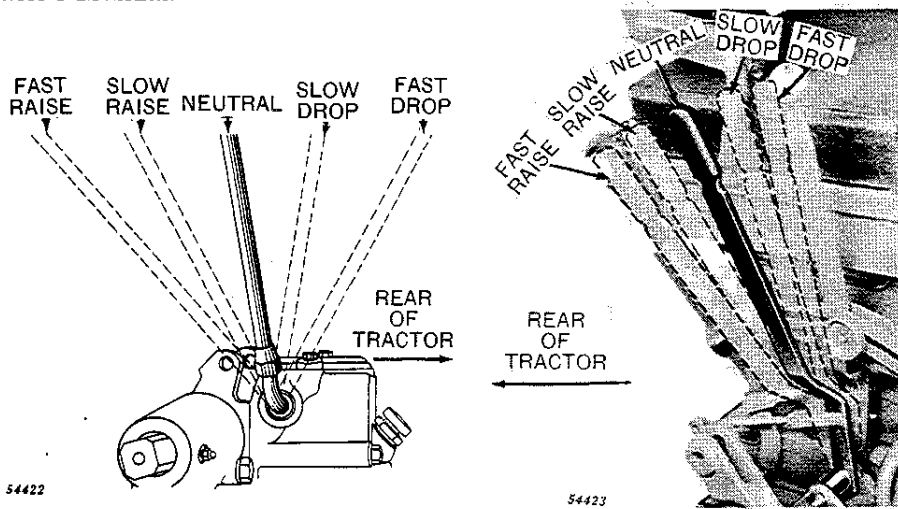
ATTACHMENTS

The following optional equipment is available for use with the 45W Loader:

- Bottom Sheet Extension
- Dirt Bucket
- Scraper Blade
- Crane

OPERATION CONTROLS

Adjust the tractor hydraulic system for single action cylinder operation (if tractor is equipped with double action valve). Refer to tractor Operator's Manual.

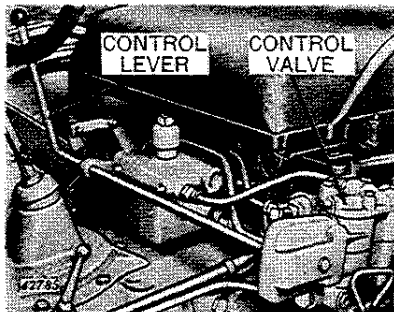


Powr-Trol Operating Lever—John Deere “50,” “60,” “70,” “A,” “B,” and “G” Tractors—Left-Hand View

Remote Cylinder Operating Lever—John Deere “520,” “620,” and “720” Tractors—Right-Hand View

When the 45W Loader is mounted on John Deere “50,” “60,” “70,” “A,” “B,” and “G” Tractors with Powr-Trol, place the Powr-Trol lever in forward position to raise the boom. Place the lever in rear position to lower the boom.

When the loader is mounted on John Deere “520,” “620,” and “720” Tractors, place the remote cylinder operating lever in rear position to raise the boom. Place the lever in forward position to lower the boom.

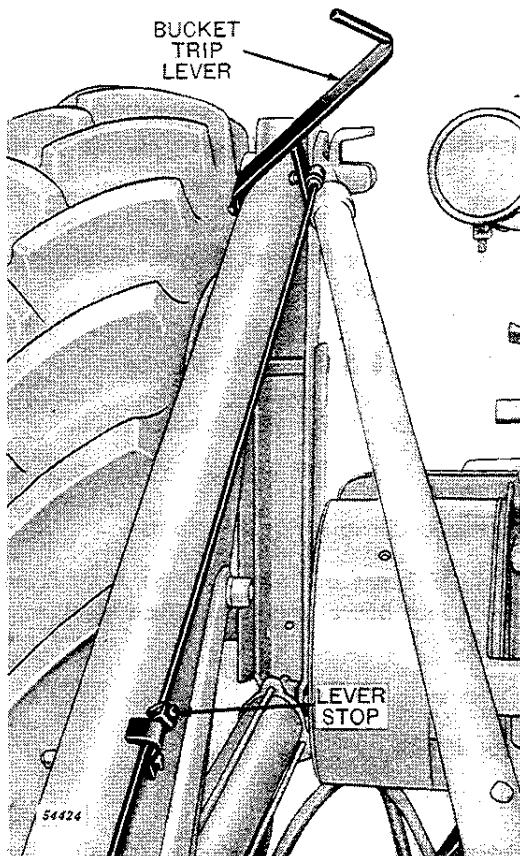


Remote Cylinder Operating Lever—John Deere “420” Tricycle Tractor

When the loader is mounted on John Deere “420” Tricycle Tractor, place the remote cylinder control lever in rear position to raise the boom and in forward position to lower the boom.

When the loader is mounted on Farm-all Tractor, operate the control lever as instructed in the tractor Operator's Manual.

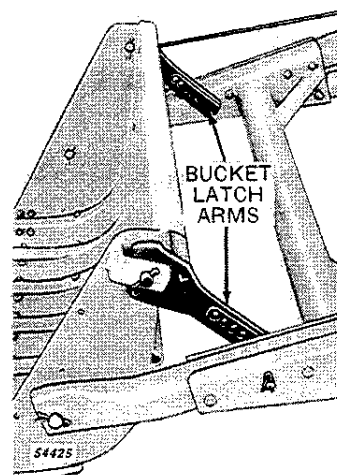
BUCKET TRIP AND SUCK ADJUSTMENT



The bucket trip lever can be located at the upper end of either the right- or left-hand boom.

The lever stop on bucket trip rod must be located on the rod at a point where the bucket latch arms are held in proper place to lock the bucket. This point is determined by raising the boom slightly off of the ground and latching the bucket securely. Push the bucket trip lever rearward until no slack remains in the trip rod but without tripping the bucket. Place the lever stop against the stop on the boom and tighten set screw.

Bucket suck adjustment is provided by the series of holes in the bucket latch arms. Pin the arms to boom using the holes which give the desired tine penetration. Whenever the arms are relocated on the attaching pins for different bucket suck be sure to relocate the lever stop as instructed above. This will insure proper latching of the bucket.



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