

# JOHN DEERE HYDRAULIC LOADER NO. 50



JOHN DEERE

## OPERATORS MANUAL JOHN DEERE HYDRAULIC LOADER NO. 50

OMC28753 G3 English

**OMC28753 G3**

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ENGLISH



## TO THE PURCHASER

We commend you for your judgement in selecting a John Deere No. 50 Hydraulic Loader. This machine has been designed to give you many years of satisfactory service. This depends upon the care given it and how it is operated.

The operating and servicing instructions in this manual have been prepared to assist you in obtaining the utmost in loading efficiency when operating the No. 50 Loader. The first recommendation is that you read this manual carefully. 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. Follow our recommendations.

When in need of parts, see your John Deere dealer. He is equipped to give you genuine replacement parts and service.

### Location Reference

Right-hand and left-hand reference is determined by sitting on the seat of the tractor with the loader mounted and facing the forward direction of travel.

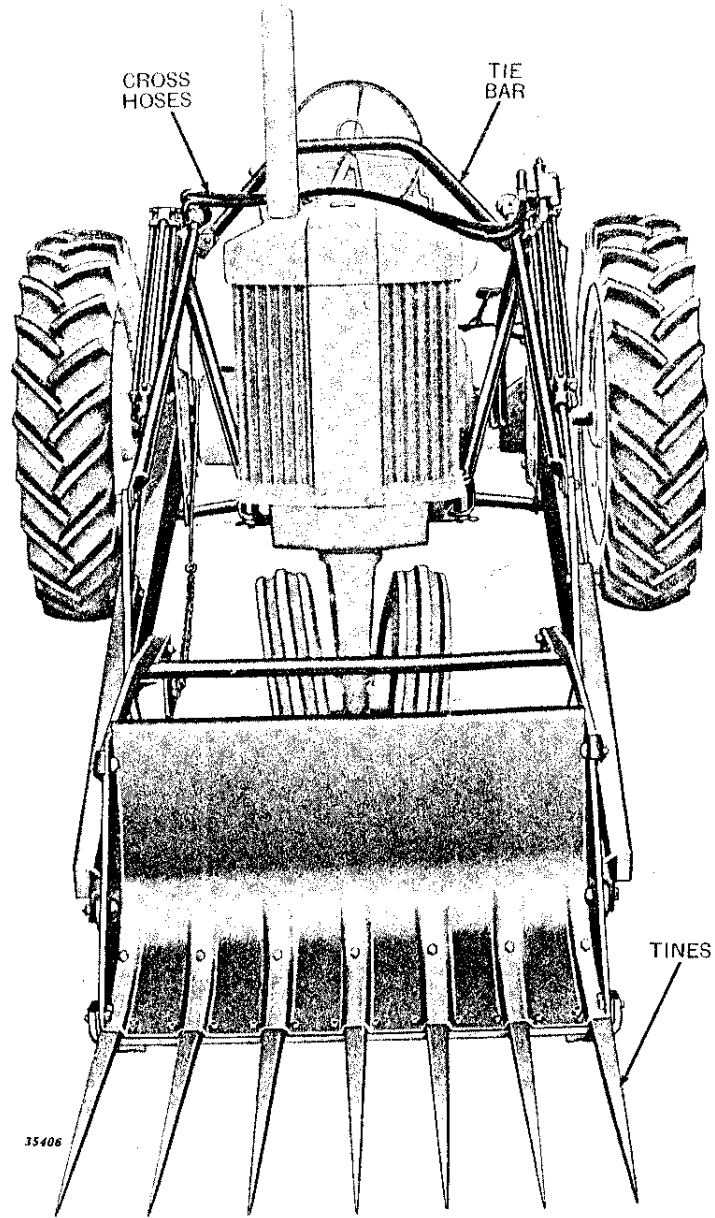
### Identification

Your loader is known as the John Deere No. 50 Hydraulic Loader. Be sure to use this description when ordering parts or writing about your loader.

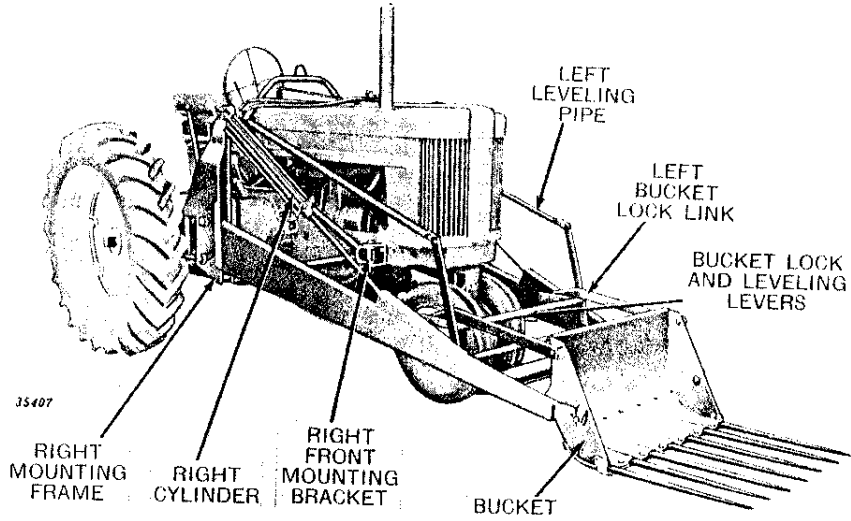
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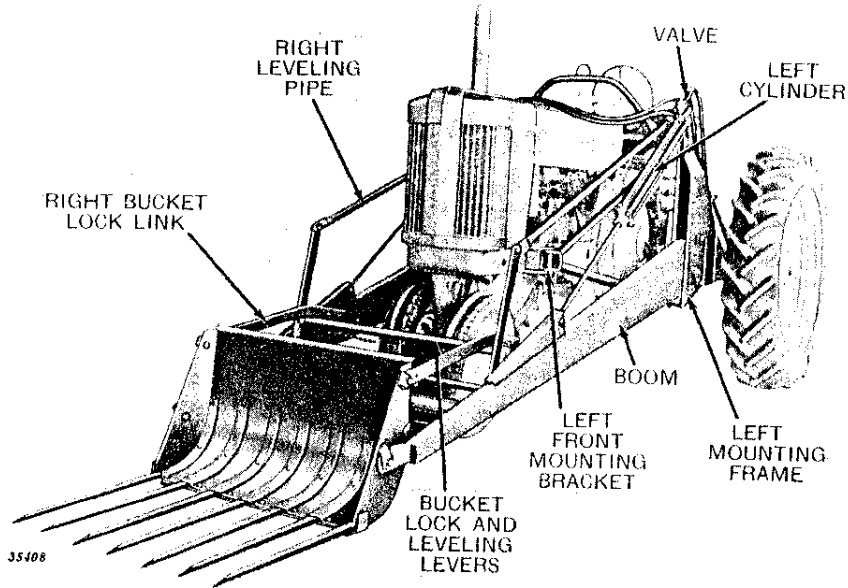
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*Front View of John Deere No. 50 Loader on  
John Deere Model "70" Tractor*



*Right Side of John Deere No. 50 Loader on John Deere Model "70" Tractor*



*Left Side of John Deere No. 50 Loader on John Deere Model "60" Tractor*

## DESCRIPTION

The John Deere No. 50 Loader is built for operation with John Deere Models "70," "60," "50," "G," and "A" Tractors. Also Model "B" Tractors in the long wheelbase series, Serial Number B-201,000 and up.

The purpose of this machine is primarily to load manure into spreaders or trucks. However, a snow bucket, a dirt bucket, and a bulldozer attachment are available as extra equipment. A bottom plate is regularly furnished to assist in handling loose or sloppy manure.

The hydraulic power for operating the loader is taken from the regular hydraulic pump on the tractor. An operating valve, with a built-in relief valve, is mounted on the left-hand cylinder. A foot pedal is provided for operating the loader, leaving the operator's hands free to operate the tractor. Additional instructions for converting the tractor hydraulic power to loader operation are covered in the assembly section of this manual.

The loader is left intact when removed from the tractor. If instructions are followed, the loader can be attached to, or removed from, the tractor in a short time.

The 40-inch bucket has seven heat-treated spring steel tines. It lifts to a maximum height of 9-1/2 feet to the heel of the bucket and tilts slightly to retain the load.

The two handwheels for leveling the bucket and the bucket trip lever are located within easy reach of the operator.

## SPECIFICATIONS AND DATA

Length (Mounted on Model "A" or "60" Tractor) . . . . .	17 Ft. 6-3/4 In.
Length (Mounted on Model "B" or "50" Tractor) . . . . .	17 Ft. 3-3/4 In.
Length (Mounted on Model "G" or "70" Tractor) . . . . .	17 Ft. 7-3/4 In.
Width (Rear) (Over-All) (With Model "A," "B," "50," or "60" Tractor Wheels Extended to 84-In. Minimum Tread Spacing . . . . .)	96 In. Approximate

## SPECIFICATIONS AND DATA—Continued

Width (Rear) (Over-All) (With Model "G" or "70" Tractor Wheels Extended to 84-In. Minimum Tread Spacing).....	97-1/4 In. Approximate
Height (On Model "A" or "60" Tractor with Exhaust Deflector).....	7 Ft. 6-1/4 In.
Height (On Model "B" or "50" Tractor with Exhaust Deflector).....	7 Ft. 5-1/4 In.
Height (On Model "G" or "70" Tractor with Exhaust Deflector).....	7 Ft. 10-1/2 In.
Lift of Bucket.....	9 Ft. 6 In. to Heel of Bucket
Width of Bucket.....	40 In.
Load.....	Effective Lift—For Breakaway—2250 Lbs. Bucket Load—950 to 1150 Lbs. Average Maximum
Operating Valve Relief Pressure.....	875 to 975 p.s.i.
Recommended Operating Gear.....	Second Gear—3 Miles per Hour

## TRACTOR FRONT TIRE INFLATION

If excessive tire failure is experienced, it is recommended that heavy-duty front tires be used.

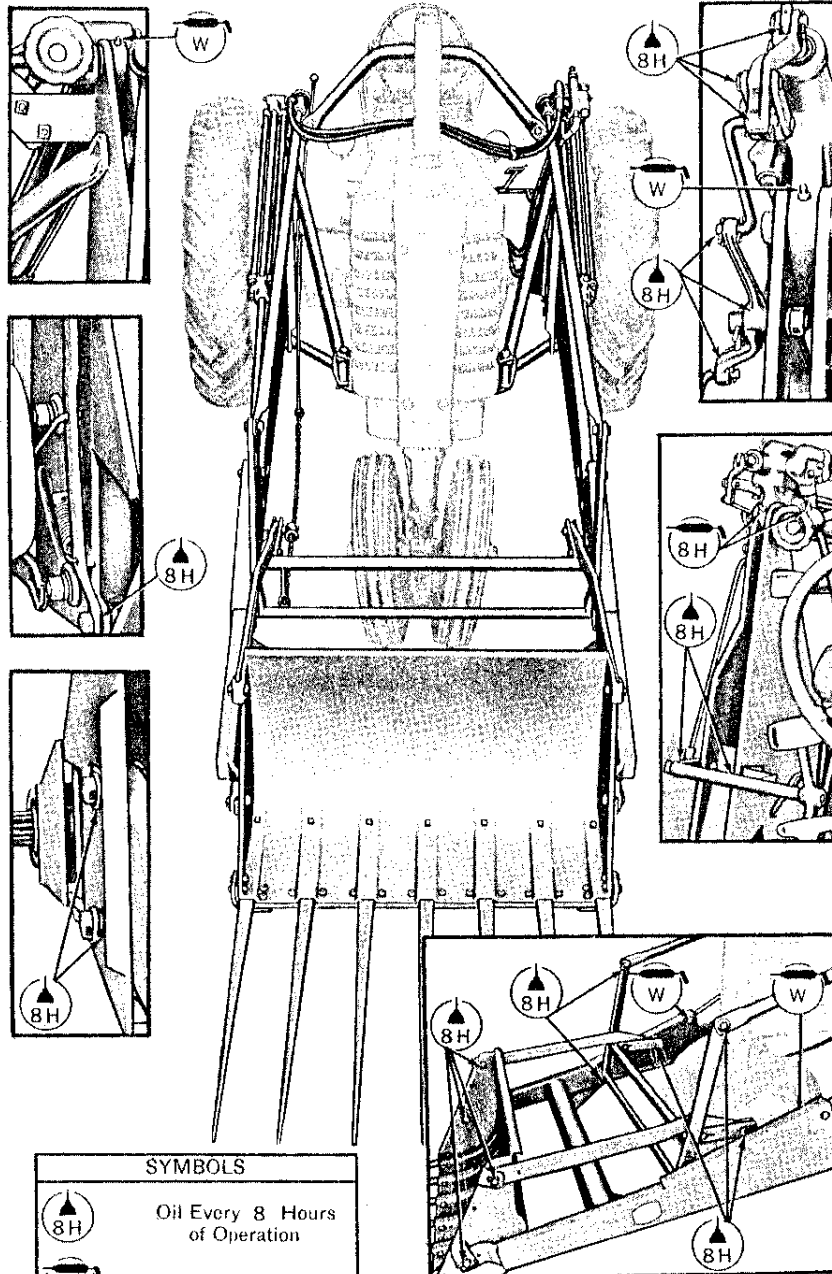
### TRACTOR FRONT TIRE INFLATION PRESSURES

John Deere Tractor	Size	Ply	Maximum Inflation Pressure
"50"- "B"- "A"	5.50 x 16	4	32
"50"	6.50 x 16	6	40
"50"	6.50 x 16	8	56
"50"- "60"- "B"- "A"	9.00 x 10	8	44
"60"- "G"	6.00 x 16	4	28
"60"- "G"	6.00 x 16	6	44
"G"	6.00 x 16	8	60
"60"	7.50 x 16	8	48

Refer to Tractor Operator's Manual for instructions on front tractor tire inflation pressures on John Deere Model "70" Tractor.

When loader is removed from tractor, reduce front tire inflation pressure to the recommended pressures given in the Tractor Operator's Manual.

# LUBRICATION

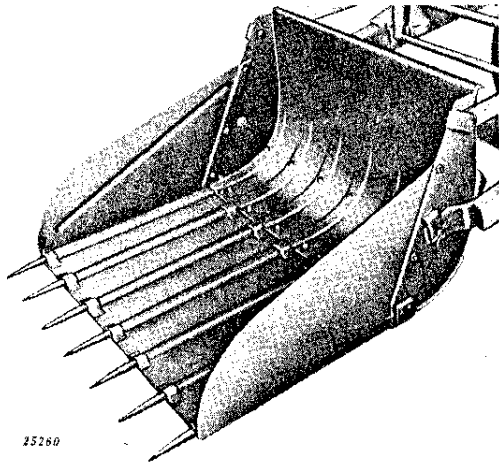


SYMBOLS	
	Oil Every 8 Hours of Operation
	Grease once a week



## ATTACHMENTS

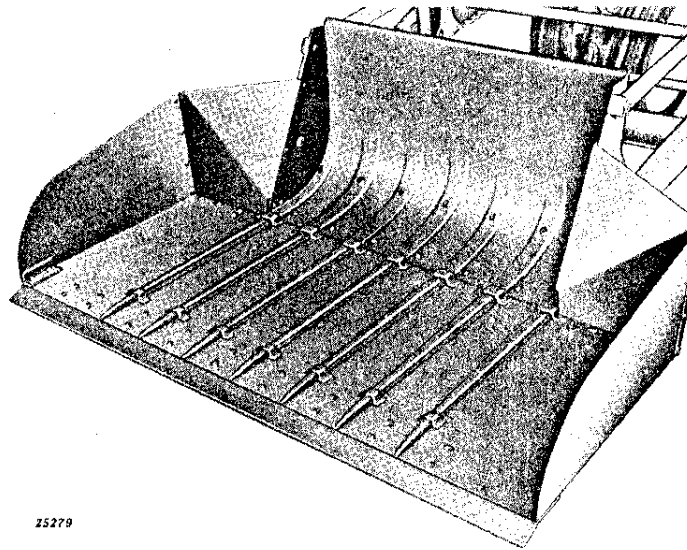
### DIRT BUCKET



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The detachable dirt bucket provides an extension to the regular bucket for handling loose dirt and similar loose material. It is available as extra equipment.

### SNOW BUCKET

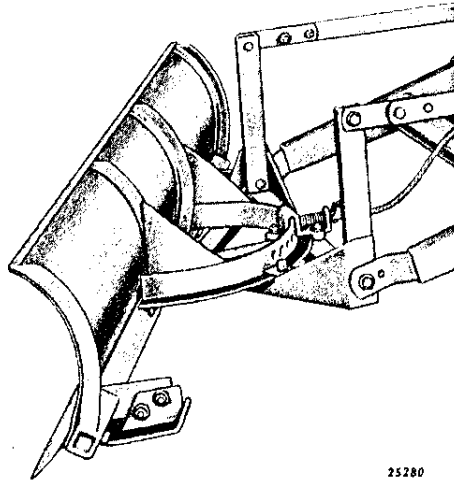


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A snow bucket for handling snow is available as extra equipment. It is also convenient for handling cobs and other light material. It is easily attached to the regular manure bucket.

## BULLDOZER

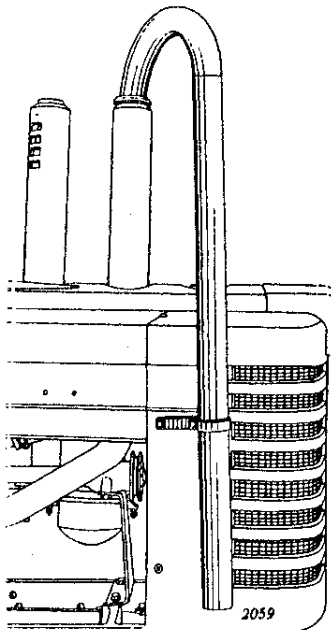
An angling bulldozer attachment for all types of scraper work is available as extra equipment. When using the bulldozer the manure bucket is removed and the bulldozer attaches directly to the boom.



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## EXHAUST DEFLECTOR

An exhaust deflector assembly which attaches to the exhaust pipe of the tractor and diverts the exhaust to the ground is available as extra equipment. This deflector eliminates the hazard of fire when removing manure from barns in which hay or straw is stored in hay mows.



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