

10 SIDE-MOUNTED MOWER



OPERATORS MANUAL 10 SIDE-MOUNTED MOWER

OMH90324 B0 English

JOHN DEERE OTTUMWA WORKS

OMH90324 B0

LITHO IN THE U.S.A.
ENGLISH



TO THE PURCHASER

The mower you have just purchased was designed and manufactured to the traditional high quality standards of all John Deere Farm Equipment. We are confident that you will receive years of dependable, economical service from your John Deere Mower.

The mower is one of the pioneer implements of the farm, as simple as a pair of shears, as efficient as a safety razor. However, like any other piece of machinery, your mower will require a certain amount of care and adjustment. Proper and thorough lubrication is vital to the good performance and the long life of any machine.

This manual has been carefully prepared and illustrated to provide you with the necessary information to assemble, install, adjust, service, lubricate, and operate your new John Deere Mower to best advantage.

If you should find that you require information not covered in this manual, consult your John Deere dealer. He will be glad to answer any question that may arise regarding the operation and service of the mower. He has trained mechanics who are kept informed on the best methods of John Deere Mower servicing and can give you prompt know-how service in the field or in his shop.

Keep Your Mower a John Deere Mower.

Should your mower require replacement parts, go to your John Deere dealer where you will receive Genuine John Deere Parts—accept no substitutes. John Deere parts fit properly and insure satisfactory service because they are made from the original patterns and from the same material as used in new machines.

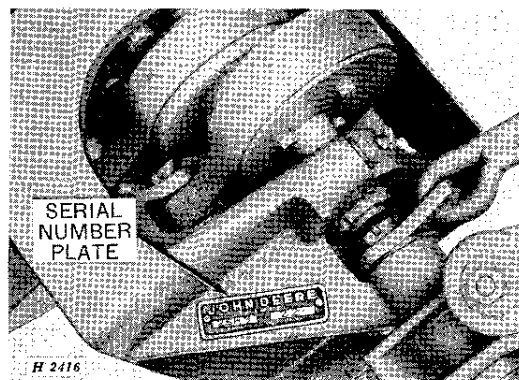
LOCATION REFERENCE

“Right-hand” and “left-hand sides are determined by facing in the direction the mower will travel when in use.

“Clockwise” refers to parts turning to the right like the hands of a clock. “Counter-clockwise” refers to parts turning to the left.

SERIAL NUMBERS

When ordering parts, refer to the model and serial number. By doing so, you will assist your John Deere dealer in giving you prompt, efficient service.

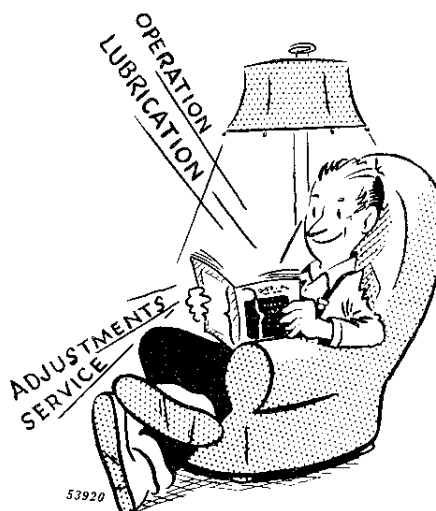


The serial number plate is located on the front of the cutter bar yoke.

Record the serial number and purchase date in the spaces provided below.

Serial No.

Date Purchased.



STUDY THIS MANUAL CAREFULLY, KEEP IT HANDY, IN A SAFE PLACE, FOR FUTURE REFERENCE.

JOHN DEERE 10 SIDE-MOUNTED MOWER

PREDELIVERY CHECK LIST

After the mower has been completely assembled and lubricated, inspect to be certain it is in good operating condition before delivering it to the customer.

The following check list is a reminder of points to inspect. Check off each item as it is found satisfactory, or after proper adjustment is made.

- Mower has been assembled according to instructions. Nuts on all bolts have been tightened and all cotter pins spread.
- All grease fittings are in place and mower has been lubricated.
- This mower has been checked to the best of my knowledge, and is ready for delivery to the customer.

(Date Set Up)

(Signature of Set-Up Man)

OWNER'S REGISTER

Name.....
Post Office.....
County.....State.....
Operator's Manual No.....
Date Sold.....
Serial No.....

DELIVERY CHECK LIST

The following check list is a reminder of very important information which should be conveyed directly to the customer at the time the mower is delivered. Check off each item as it is fully explained to customer.

- The customer has been advised that the life expectancy of this or any other machine is dependent on regular lubrication as directed in Operator's Manual.
- The customer has been advised of all safety precautions he must observe while using this mower.
- The Operator's Manual has been given to the customer and all operating adjustments fully explained to him.
- To the best of my knowledge, this mower has been delivered ready for field use and customer has been fully informed as to proper care and operation.

(Date Delivered)

(Signature)

SHIPPING PACKAGES

MOWER SHIPPING PACKAGES

The John Deere 10 Side-Mounted Mower is shipped in the following Shipping Packages:

- BH 50153 H Frame and Yoke
- BH 50168 H Transport Rod
- BH 50171 H Grass Board
- BH 50172 H Grass Stick with Socket
- BH 50203 H Divider with Fender Rods and Deflector

CUTTER BARS LESS KNIVES

- AH 13435 H 5' Malleable Rock Guard
- AH 13426 H 5' Steel Rock Guard
- AH 13438 H 6' Malleable Rock Guard
- AH 13429 H 6' Steel Rock Guard
- AH 13441 H 7' Malleable Rock Guard
- AH 13432 H 7' Steel Rock Guard

KNIVES (Order Two)

- BH 50231 H 5' Heavy Smooth
- BH 50232 H 5' Heavy Underserrated
- BH 50233 H 6' Heavy Smooth
- BH 50234 H 6' Heavy Underserrated
- BH 50235 H 7' Heavy Smooth
- BH 50236 H 7' Heavy Underserrated

SPECIAL EQUIPMENT

- BH 10454 H Guard Straightener
- AP 17210 H Guard and Knife Repair Block
- AZ 2293 H Lifting Guard—Complete

HOOKUP SHIPPING PACKAGES

- BH 50154 H Powershaft with Sheaves—320U, 330U, 40T, 40U, 40W, 420U, 420W, 420T, 430U, 430W, and 430T Tractors
- BH 50155 H Powershaft with Sheaves—50, 520, 530, 60, 620, 630, 70, 720, and 730 Tractors
- BH 50163 H Hanger with Balls and Pins—40T, 40W, 420T, 430T, 420W, and 430W Tractors
- BH 50164 H Hanger with Balls and Pins—40U, 320U, 330U, 420U, and 430U Tractors
- BH 50167 H Hanger with Balls and Pins—50, 520, 530, 60, 620, 630, 70, 720, and 730 Tractors

- BH 50204 H Hanger Tie Rod with Anchor Plate—70, 720, and 730 Tractors
- BH 50214 H Hanger Tie Rod with Anchor Plate—50, 520, 530, 60, 620, and 630 Tractors
- BH 50157 H Rear Drive Support—40T, 40W, 420W, 420T, 430W, 430T, 50, 520, 530, 60, 620, 630, 70, 720, and 730 Tractors
- BH 50158 H Rear Drive Support—320U, 330U, 420U, 430U, and 40U Tractors
- BH 50159 H Rear Belt Shield with Hardware—320U, 330U, 40U, 420U, and 430U Tractors
- BH 50162 H Rear Belt Shield with Hardware—40T, 40W, 420W, 420T, 430W, 430T, 50, 60, 70, 520, 530, 620, 630, 720, and 730 Tractors
- BH 50160 H Powershaft Shield with Bracket—320U, 330U, 40T, 40U, 40W, 420W, 420T, 420U, 430W, 430T, and 430U Tractors
- BH 50161 H Powershaft Shield with Bracket—520, 530, 620, 630, 720, and 730 Tractors
- AH 14174 H Matched Pair of V-Belts—420T and 430T Tractors
- AH 14175 H Matched Pair of V-Belts—420W, 430W, 520, 530, 620, 630, 720, 730; 50, 60, and 70 Tractors with Engine Driven PTO
- AH 14176 H Matched Pair of V-Belts—50, 60, and 70 Tractors with Transmission Driven PTO
- AH 14178 H Matched Pair of V-Belts—40U, 320U, 330U, 420U, and 430U Tractors
- BH 50156 H Extension Hoses with Couplers—50, 520, 530, 60, 620, 630, 70, 720, and 730 Tractors
- BH 50165 H Hanger Parts—420T, 420U, 420W Prior to Serial No. 100,000; and 40T, 40U, 40W, 320U, and 330U Tractors
- BH 50166 H Hanger Drop Bracket Parts—420U, Prior to Serial No. 100,000; and 40U, 320U, and 330U Tractors

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IMPORTANT

Make this manual your guide and adviser and do what it recommends, regardless of what may have been your practice with other makes of mowers, or the suggestions that may be made to you by well-meaning friends or neighbors.

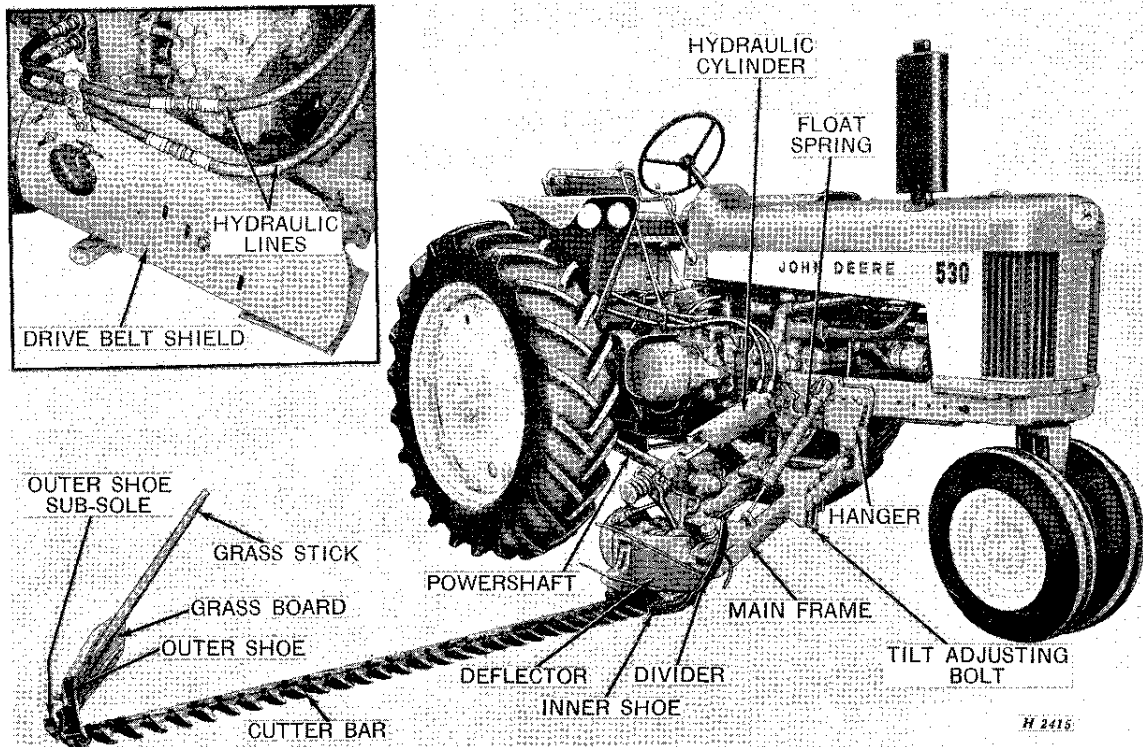
When using this mower with other equipment, special servicing of the equipment may be required. This information will be given to you in the instruction book accompanying the other equipment.



Because the first thing every day, I

- ✓ Lubricated the mower properly.
- ✓ Made the proper adjustments for the crop and field conditions.
- ✓ Observed and followed all safety rules.

THESE DAILY PRECAUTIONS WILL INSURE GOOD PERFORMANCE AND LONG SERVICE.



John Deere 10 Side-Mounted Mower

SPECIFICATIONS

Length of Cutter Bar 5, 6, or 7-Foot
 Type of Power Power Take-Off on Tractor
 Type of Drive Double V-Belt
 Tractor Hook-Up Mounted on Tractor
 Rear Drive Shaft Bearings Tapered Roller
 Front Drive Shaft Bearings Tapered Roller
 Crankshaft Main Bearings Tapered Roller

Connecting Rod Bearings Straight Roller
 Approximate Shipping Weight with 7-
 Foot Cutter Bar 668 Pounds
 For Tractors John Deere Tractors Equipped
 with Hydraulic Remote Cyl-
 nder and 540 rpm Power
 Take-Off

(Specifications and design subject to change without notice)

LUBRICATION

The economical and efficient operation of any machine depends on regular and proper lubrication of all moving parts with a quality lubricant. This is especially true of farm equipment which must operate in hot, dusty conditions over rough ground. Neglected lubrication quickly leads to reduced efficiency, heavy draft, wear, breakdown, and replacement of parts.

Use a clean container for storing and handling all lubricants. See that only clean lubricants go into the working parts of your mower.

LUBRICATION CHARTS.

All lubrication points will be found in the lubrication charts that follow.

For all hourly lubrication points, use SAE multi-purpose grease.



CAUTION: Never Attempt to Lubricate Mower While Tractor Is Running.

Wipe dirt from grease fittings and grease gun nozzle before greasing.

Replace all missing or damaged grease fittings immediately.

BEARINGS.

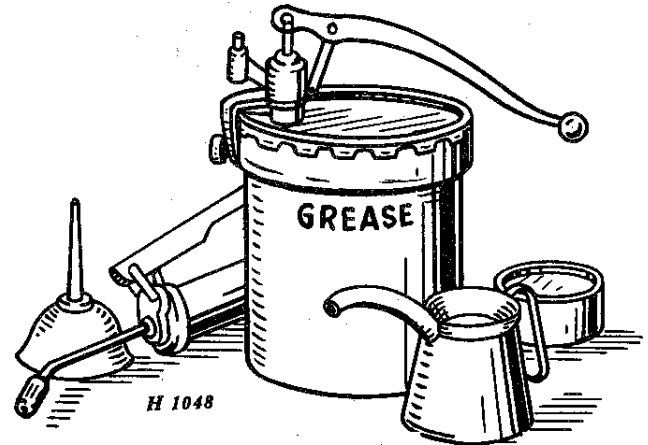
Lubricate all grease fittings thoroughly with SAE multipurpose grease until grease oozes out of bearing. This assures that the bearing is full and also flushes out dirt that may have accumulated in the bearing. However, avoid excessive lubrication. Excessive lubricant that has dropped onto belts should be wiped off immediately to avoid belt slippage.

LUBRICATION OF CUTTER BAR AND KNIFE.

Lubricate cutting parts thoroughly with SAE 30 engine oil except when working in dry, dusty, and sandy soil conditions; then do not lubricate at all except for a small amount at the knife holders or clips.

LUBRICATION OF LINKAGES.

When lubricating the mower, make a practice of putting a few drops of SAE 30 engine oil on all clevises, linkages, and other moving parts. This will make them work easier and prolong their life.

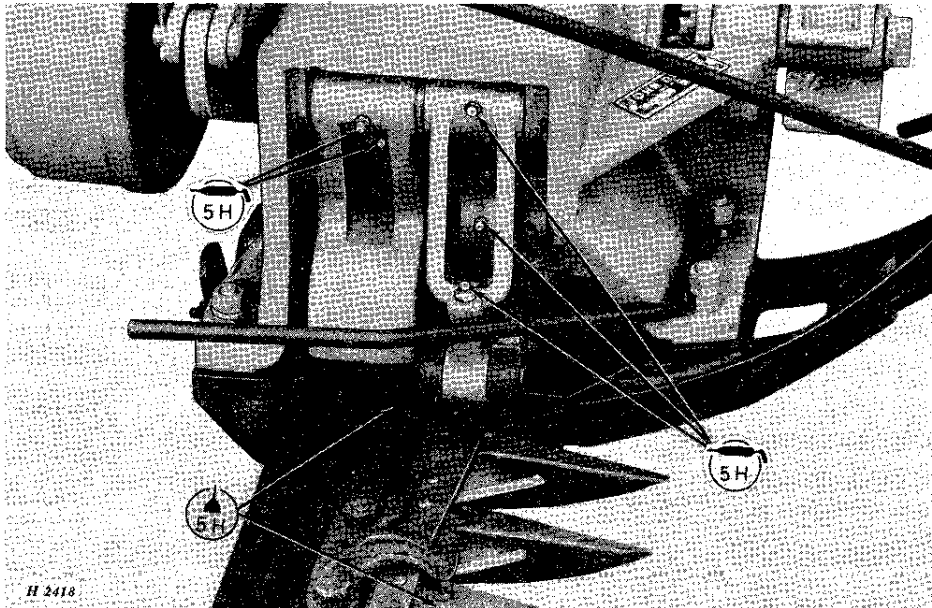
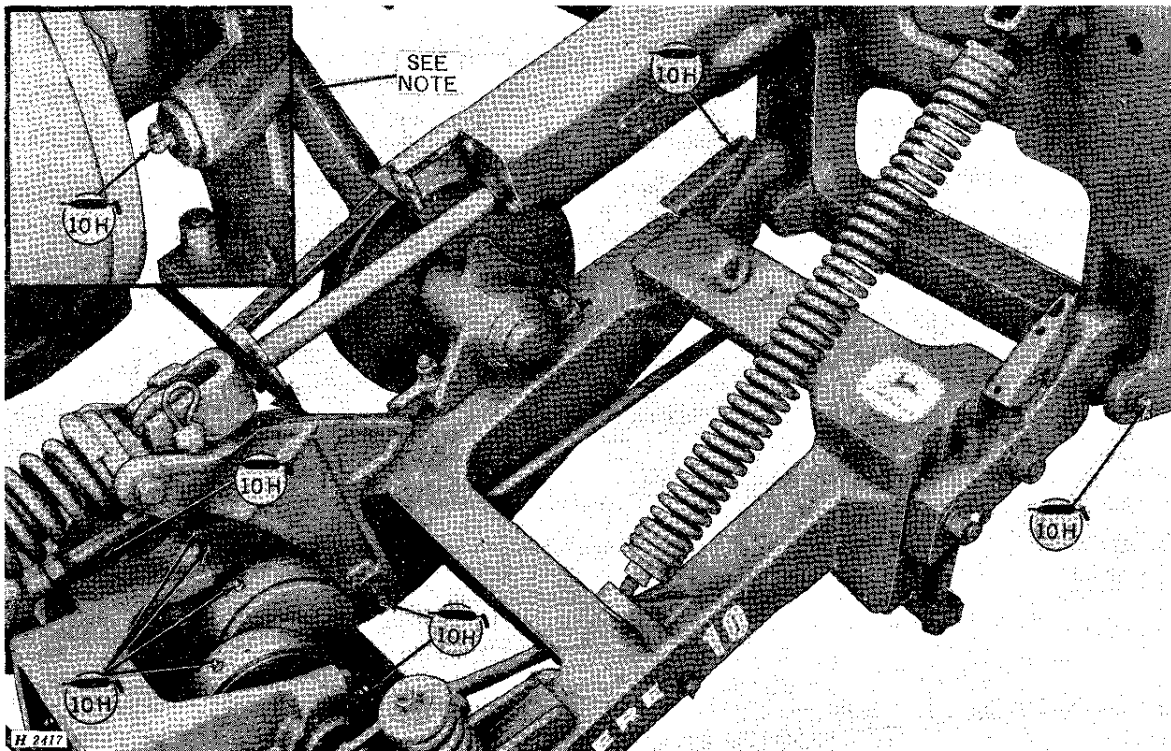


KEEP LUBRICANTS CLEAN

Use *only* high-grade lubricants which have been stored in clean containers. Wipe away all grease and dirt before removing filler caps or plugs.

Do not handicap your equipment by using inferior or incorrect oil and grease. Use only quality lubricants at intervals specified in Operator's Manual.

Take all possible precaution to keep lubricants clean. This will save you money in long life for your equipment.



Grease Every 5 Hours of Operation with SAE Multipurpose Grease.



Grease Every 10 Hours of Operation with SAE Multipurpose Grease.



Oil Every 5 Hours of Operation with SAE 30 Engine Oil.

NOTE: Every 50 hours of operation, remove rear section of powershaft and apply grease to inside of square tube in front section.

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