

240 ECONOMY REAR BLADE



OPERATORS MANUAL 240 ECONOMY REAR BLADE

OMC16029 C5 English

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TO THE PURCHASER



This manual covers the operation, lubrication, service, and assembly, and contains a parts list for the John Deere 240 Economy Rear Blade.

The John Deere 240 Economy Rear Blade features John Deere quality with high work capacity and low initial cost.

The 240 Economy Rear Blade is an ideal tool for light grading, back-filling, leveling, scraping, removing snow, and finish grading around home sites. It is also an ideal utility tool for farm and other maintenance work.

Read this operator's manual carefully, and follow the instructions on operation, safety, and service. When in need of parts, see your John Deere dealer. He can provide genuine John Deere parts to maintain the life and satisfactory performance of your blade.

When the terms "right" and "left" are used, it means from a position behind the machine, facing the direction of travel.

Study this manual carefully and keep it handy for reference.

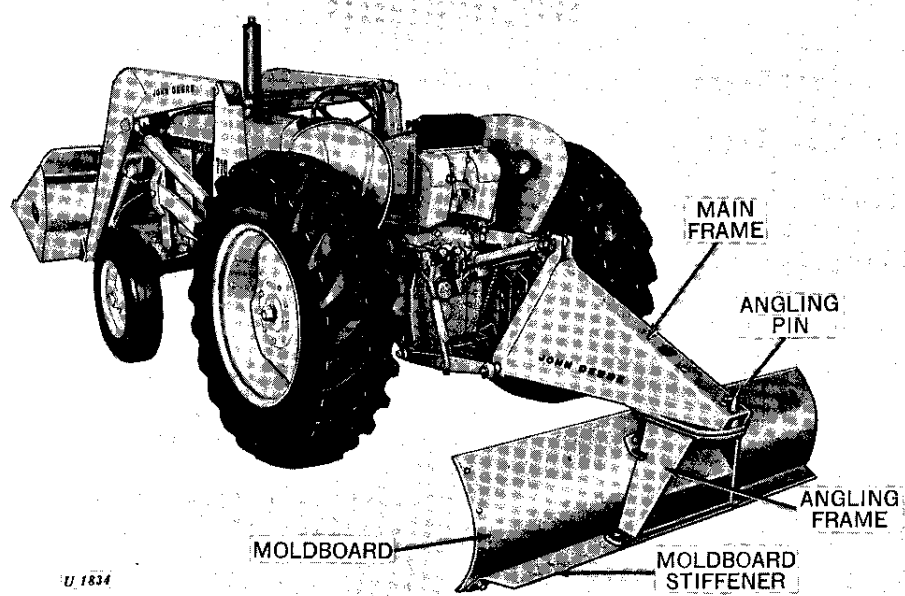
Fill in the date below for future reference.

JOHN DEERE 240 ECONOMY REAR BLADE

Date Purchased 19

(To be filled in by purchaser)

Price \$



John Deere 240 Economy Rear Blade

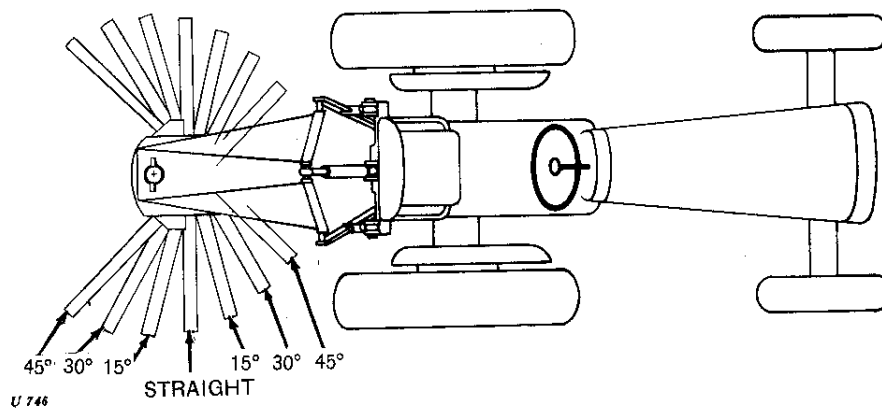
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SPECIFICATIONS

Moldboard Length	6 Feet
Moldboard Height	18 Inches
Moldboard Thickness	1/4 Inch
Cutting Edge	1/2 x 6 x 72 Inches Reversible and replaceable high-carbon heat-treated steel.
Blade Positions	Straight, forward, or reversed Angled right or left 15°, 30°, or 45° Centered or offset to right or left 12 inches. Tilted left or right through 3-point hitch linkage adjustment.
Weight (Without Gauge Wheels)	379 Pounds
Gauge Wheel (Extra Equipment)	Recommended for finish grading.

(Specifications and design subject to change without notice.)



Blade Positions

OPERATION

PREPARING THE TRACTOR

The 240 Economy Rear Blade was designed for use with tractors not exceeding the horsepower of the John Deere 2010 Wheel Tractor. However, if used with tractors larger than the John Deere 2010 Tractor, be careful not to overload the blade.

Use wheel weights or ballast in rear tires for better traction. See your tractor operator's manual.

TIRE INFLATION

Inflate the tractor tires to pressure recommended in the tractor operator's manual for a light rear-mounted implement.

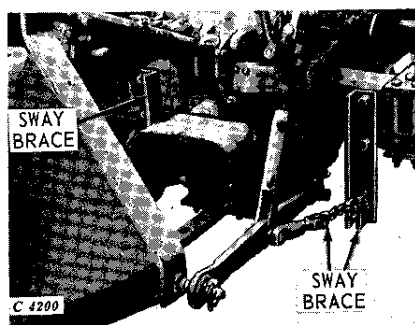
TRACTOR DRAWBAR

Set the tractor drawbar in the short high position.

SWAY BLOCKS AND BRACES

On tractors equipped with sway blocks, position sway blocks to eliminate all side sway while in operating position.

On tractors equipped with sway chains, remove chains from hitch and install sway brace.



Sway Brace AT20666T must be used on John Deere 440 Industrial Wheel and 1010 Wheel Tractors.

NOTE: Illustration in left column shows sway braces (AT20666T) on tractor equipped with a loader. When tractor is not equipped with a loader, sway braces must be switched side for side so that open part of angle is toward inside of tractor.

3-POINT HITCH AND HYDRAULIC SYSTEM

The 3-point hitch provides a fast easy means of attaching the blade to the tractor. See your tractor operator's manual for complete explanation of the hydraulic system.

Lift Link Connection

On tractors equipped with more than one attaching hole in the rock-shaft lift arms, attach the lift links to the outer holes in the lift arms.

Link Lengths

Set the length of the left-hand lift link to the nominal setting recommended in the tractor operator's manual.

The right-hand lift link provides adjustment for leveling the blade.

Parallel Lift Arm Operation

On tractors equipped with dual hydraulic system, adjust the hydraulic system for parallel lift arm operation. See your tractor operator's manual.

Load and Depth Control

On tractors equipped with an adjustable load control yoke, set the load control lockout screw so the system will operate.

4 Operation

3-POINT HITCH AND HYDRAULIC SYSTEM—Continued

Set the center link in the least sensitive position in the yoke. If special working conditions (such as ditching) require more sensitivity, move the center link to a more sensitive position in the yoke. In some conditions, such as finish grading, set the lockout screw so the system does not operate.

On tractors equipped with a Load and Depth Control Selector Lever, set the lever in the "LD" position for initial leveling of rough terrain. Use "D" position for finish grading.

Hitch Adapting Parts

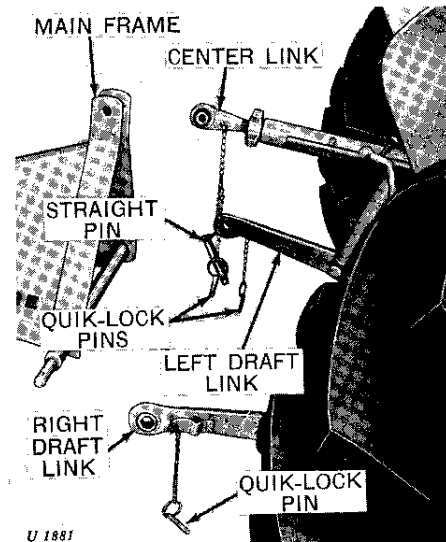
The 240 Economy Rear Blade has a category 1 hitch. When used with tractors equipped with a category 2 hitch, use adapter bushings on the hitch pins and a mast ball on the mast.

NOTE: The 2010 3-point hitch, although category 2, requires a mast ball adapter bushing, rather than the mast ball used with other category 2, 3-point hitches.

These adapting parts are available from your John Deere dealer.

Adapter bushings are not required on tractors equipped with category 1, 3-point hitches.

ATTACHING BLADE TO TRACTOR



If tractor is equipped with a Load and Depth Control selector lever, place selector lever in the "D" position for easier attaching.

Attach the left draft link to the left hitch pin on the blade. Then attach the right draft link. Secure with Quik-Lock pins.

Connect the center link to the blade mast.

After the blade is attached, adjust the right lift link and the center link so blade is level and at desired pitch. If tractor is equipped with a Load and Depth Control selector lever, place lever in "LD" position for operating.

BLADE OPERATING CONTROLS

The 240 Economy Rear Blade is operated by the tractor hydraulic system and is raised or lowered by the rockshaft control lever. Depth of cut is regulated by positioning the adjustable stop for the control lever in the desired location.

ANGLING THE BLADE

The blade may be angled 15, 30 or 45 degrees to the right or left.

To angle the blade, remove the spring locking pin and angling pin from the main frame. Then swing the moldboard to the desired angle. Replace angling pin and spring locking pin.

TILTING OR PITCHING THE BLADE

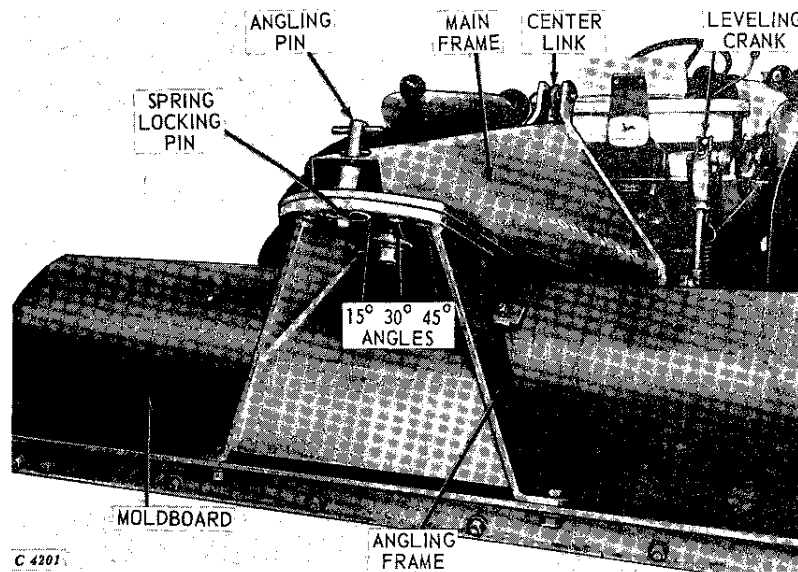
Tilt the blade by turning the leveling crank on the right-hand lift link of the 3-point hitch.

To change the pitch of the blade, lengthen or shorten the center link on the tractor 3-point hitch.

NOTE: Extreme tilting or pitching of the blade is not recommended.

REVERSING THE BLADE

To reverse the blade, remove the spring locking pin and angling pin from the main frame. Then swing the moldboard completely around and replace angling pin and spring locking pin.



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