



3010 Grove and Orchard Tractors



JOHN DEERE

OPERATORS MANUAL

3010 Grove
and Orchard Tractors

OMR32068 B2 English

OMR32068 B2

LITHO IN U.S.A.
ENGLISH





to the purchaser

Your versatile new John Deere Grove and Orchard Tractor meets the exacting requirements of work in confined areas such as groves, orchards, and vineyards.

Operating ease and comfort, hydraulic power when and where you need it, the ability to match engine power and transmission speed to any job, outstanding economy and dependability, modern styling, and simplicity of lubrication and service are all in this great tractor.

We are confident this modern tractor, combined with equally advanced John Deere tools and implements, will help you to farm easier, better, and more profitably.

At the time the tractor was delivered, the John Deere dealer discussed with you its safe operation and proper care.

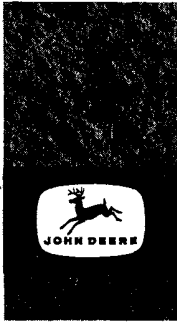
However, before putting the tractor to work, read this manual which explains the special features of your new Grove and Orchard Tractor. Since the tractor is similar in most respects to the 3010 Row-Crop Utility Tractor, this manual contains instructions only as necessary to cover the differences between the two types of tractors. Therefore, read also the accompanying 3010 Row-Crop Utility Tractor operator's manual before operating the tractor.

After reading both manuals, keep them in a convenient place for quick and easy reference if questions arise concerning operation, lubrication, or service.

The service policy which you received with your new tractor certifies that the tractor was properly inspected and prepared for delivery by your John Deere dealer. Keep this policy in a safe place and present it to the dealer whenever services which it authorizes are required.

Your John Deere dealer wants to help you get the most value from your new tractor. His skilled servicemen can handle every job efficiently. These men are trained in modern service methods; they have all necessary tools and equipment. If new parts are needed, only genuine John Deere parts will be installed. These parts are exact duplicates of the originals, made from the same patterns, and of the same high-quality materials.

When in need of new parts, be prepared to furnish the tractor serial number and the engine serial number. Record the numbers in the spaces provided on the inside front cover of the accompanying manual.



contents

<i>specifications</i>	2
<i>operation</i>	3
<i>lubrication and periodic service</i>	6
<i>service</i>	7

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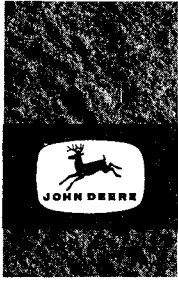
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specifications

Most of the specifications in the 3010 Row-Crop Utility Tractor operator's manual apply to the 3010 Grove and Orchard Tractor. The following specifications apply to the Grove and Orchard Tractor only.

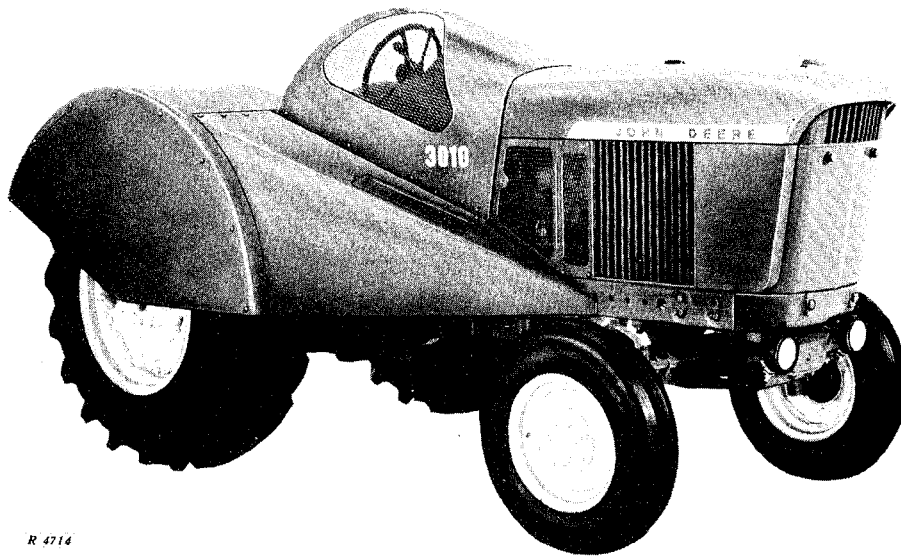
TRACTOR GROUND SPEEDS

NOTE: The ground speeds are for a tractor equipped with 16.9-26 rear tires with a loaded radius of 24.3 inches.

Gear	Hand throttle operating range			Maximum foot throttle speed
	1500 rpm	*1900 rpm	2200 rpm	2500 rpm
1	1-1/4 mph	1-3/4 mph	2 mph	2-1/4 mph
2	2 mph	2-3/4 mph	3 mph	3-1/2 mph
3	2-3/4 mph	3-1/2 mph	4 mph	4-1/2 mph
4	3-1/2 mph	4-1/2 mph	5-1/4 mph	6 mph
5	4-1/4 mph	5-1/2 mph	6-1/4 mph	7-1/4 mph
6	5-3/4 mph	7-1/2 mph	8-1/2 mph	9-3/4 mph
7	7-1/4 mph	9-1/4 mph	10-3/4 mph	12-1/4 mph
8	12 mph	15-1/4 mph	17-1/2 mph	20 mph
3rd Reverse	2-3/4 mph	3-1/2 mph
5th Reverse	4-1/4 mph	5-1/4 mph
7th Reverse	7 mph	9 mph

**1900 rpm engine speed gives the proper PTO speed for most implements. Some PTO-driven implements are operated at other speeds. See the implement operator's manual.*

FRONT TIRES	6.50-16, 6-ply 7.50-16, 6-ply	REAR WHEEL TREAD	55 to 74 in. See page 3 for additional information.
REAR TIRES	16.9-26, 6-ply 18.4-26, 6-ply	DIMENSIONS:	
FRONT WHEEL TREAD:		Wheel base	81-1/2 in.
Fixed tread axle	54-1/4 and 59-1/2 in.	Over-all length	139 in.
Adjustable tread axle:		Over-all height	68 in.
Wheel dished in	49-1/4 to 73-1/4 in.	Over-all width	81 in.
Wheel dished out	54-1/2 to 78-1/8 in.	Turning radius	120 in.
		SHIPPING WEIGHT	6600 lbs.



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John Deere 3010 Gasoline Grove and Orchard Tractor



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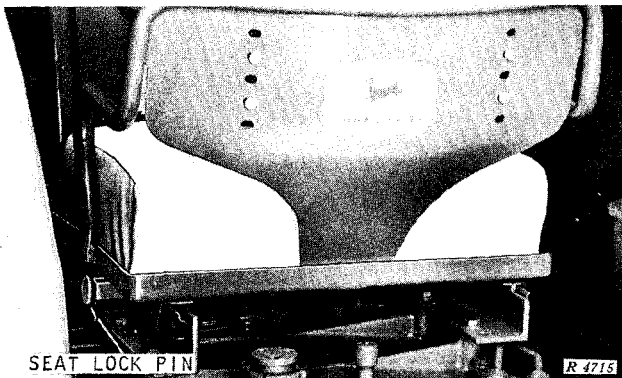


operation

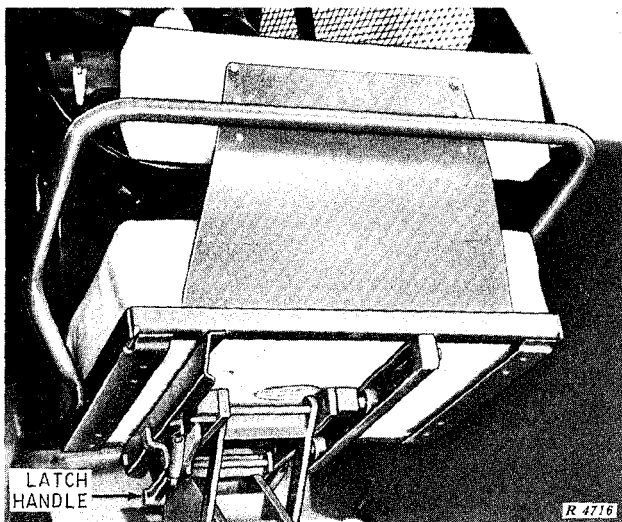
Most of the instructions for operating the 3010 Grove and Orchard Tractor are given in the 3010 Row-Crop Utility Tractor operator's manual. The following operating instructions pertain to the 3010 Grove and Orchard Tractor only.

Seat

The seat is mounted on rails and is adjustable forward and backward. To adjust the seat, pull out on the seat lock pin (tractors without rockshaft) or lift up on the latch handle (tractors with a rockshaft). Move the seat to the desired position and release the lock pin or the latch handle. On tractors with a rockshaft, the seat may be pivoted up and to the rear by lifting the seat and pushing it rearward.



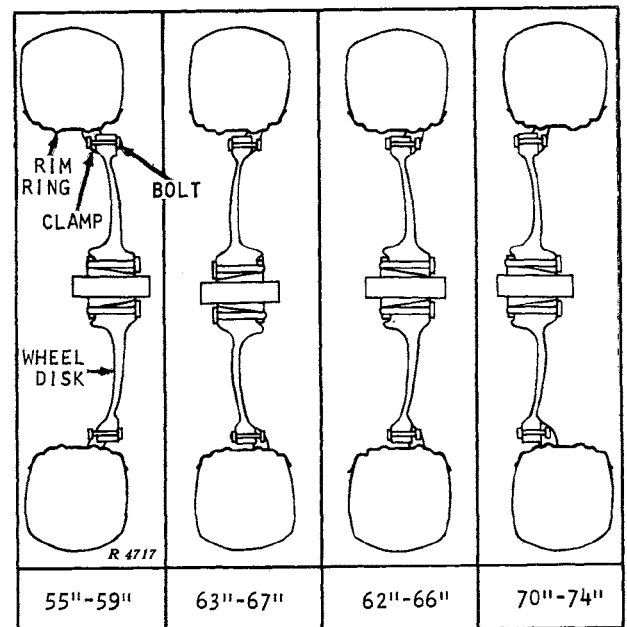
Seat for tractors without rockshaft



Seat tipped up (tractors with rockshaft)

Rear wheel tread

The rear wheel tread may be changed by using the rack and pinion to move the wheel on the axle or by changing the rim position on the wheel. The following chart gives the tread range for each rim position on the wheel.



Tread range for rim position on wheel

Changing rim position on wheel

The rim is held to the wheel by clamps which engage one of two raised rings around the inside of the rim. The clamps may be bolted to either side of the wheel and can engage either one of the two rings on the rim. This gives four possible rim positions on the wheel.

To change the position of the rim on the wheel, jack up the tractor until there is little or no weight on the tire. Remove the rim clamps and shift the wheel or the rim to the desired position. Install the clamps and tighten them evenly.