

# 5010 Standard Tractor (Serial No. 8000-Up)



JOHN DEERE

## OPERATORS MANUAL

5010 Standard Tractor  
(Serial No. 8000-Up)

OMR36977 H4 English

OMR36977 H4

LITHO IN U.S.A.  
ENGLISH





## TO THE PURCHASER

Your versatile new John Deere Tractor meets the exacting requirements of modern farming.

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 special features of this great new tractor.

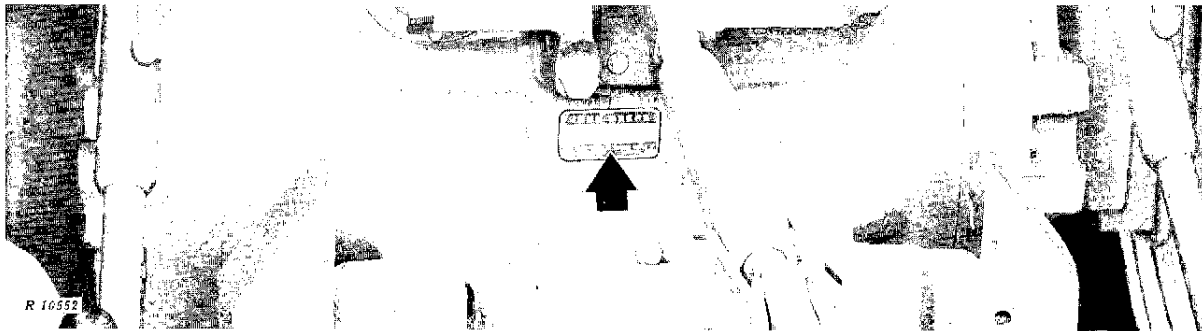
We are confident this modern tractor, combined with equally advanced John Deere tools and implements, will help you to farm better, easier, and more profitably.

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. It contains complete instructions for operating the tractor, caring for it, and taking full advantage of its many time- and labor-saving features. After reading the manual, keep it in a convenient place for quick and easy reference if questions arise concerning operation, lubrication or service.

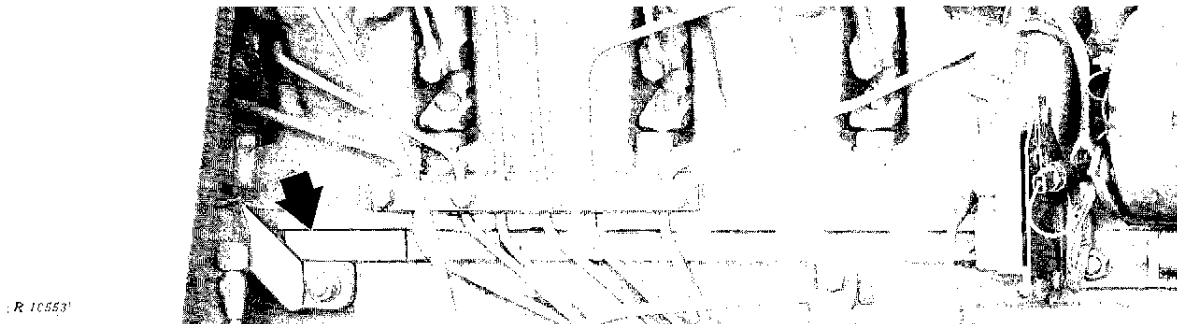
The service policy which you received with your new tractor certifies that the tractor was properly inspected and prepared for delivery by your John Deere dealer. Keep this policy in a safe place and present it to the dealer whenever services which it authorizes are required.

Your John Deere dealer wants to help you get the most value from your 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 your dealer with the engine serial number, the tractor chassis serial number, and the tractor series number. For ready reference, locate and record the serial numbers in the spaces provided in the following illustrations.



*Record Tractor Chassis Serial Number*



*Record Engine Serial Number*



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## REVISED INFORMATION CONCERNING ENGINE OIL AND FILTER CHANGES

Since this manual was printed, the engine oil and filter change recommendations have been revised as follows:

Engine oil change period - every 100 hours of service.  
Filter change period - every 200 hours of service.

On new and rebuilt engines, change oil and filter after first 100 hours of service.

Use oil meeting MIL-L-2104B specifications of viscosity recommended in the lubrication and periodic service section of this manual. *NOTE: If fuel sulfur content exceeds 0.5 percent, use Series 3 oil which has been MS Sequence Tested.*



**ELECTRICAL SYSTEM:**

Type . . . . . 24-volt, split-load system  
 Starter and alternator voltage . . . . 24 volts  
 Lights and Accessory voltage . . . . 12 volts  
 Batteries . . Four 6-volt, 51 plate, 115 am-  
 pere-hour, tractor-type, connected in series

**TRANSMISSION:**

Type . . . . . Syncro-Range, constant-mesh  
 Gear selections . . . 8 forward and 3 reverse  
 Shifting . . . . . 4 stations, synchronized  
 shifting within stations

**HYDRAULIC SYSTEM:**

Type . . . . . Closed center, constant pressure.  
 Includes power steering, power  
 brakes, implement control, and  
 transmission and differential lu-  
 brication.

Maximum pressure . . . . . 2250 psi

**BRAKES** . . . . . Hydraulically power actuated,  
 disk-type operating in oil

**POWER TAKE-OFF:**

Type . . . . . Independent, constant running  
 Speed (1900 engine rpm) . . . . . 1010 rpm  
 PTO ahead of drawbar hitch point . 20-3/8 in.  
 PTO shaft above ground . . . . . 25-1/2 in.

**PTO CLUTCH** . . . . . Hydraulically power ac-  
 tuated, hand-operated

	Size	Ply
<b>FRONT TIRES</b> . . . . .	11.00-16	8
<b>REAR TIRES</b> *** . . . . .	24.5-32	10
<b>FRONT WHEEL TREAD</b> . . . . .	67 in.	
<b>REAR WHEEL TREAD</b> . . . . .	See page 11	

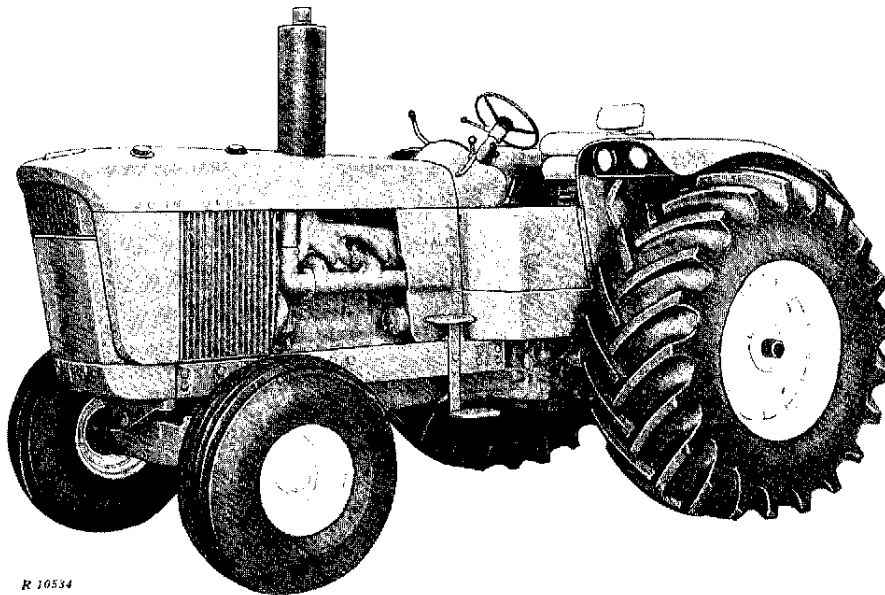
**DIMENSIONS:**

Wheel base . . . . .	104 in.
Over-all length . . . . .	172-1/4 in.
Over-all height . . . . .	96-1/4 in.
Height to steering wheel . . . . .	81-1/2 in.
Width . . . . .	Regular wheel, 95-3/4 in. Dual wheel, 120 in.
Clearance . . . . .	16 in.
Turning radius . . . . .	12 ft. 6 in.

**SHIPPING WEIGHT** (Less fuel and  
 extra ballast) . . . . . 12,270-lbs.

\*\*\*Additional tire sizes available.

*Specifications and design subject to change without notice.*



R 10534

*John Deere 5010 Standard Diesel Tractor*

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