

JOHN DEERE 4620 TRACTOR



JOHN DEERE

OPERATORS MANUAL JOHN DEERE 4620 TRACTOR

OMR48272 H1 English

JOHN DEERE TRACTOR WORKS
OMR48272 H1

LITHO IN THE U.S.A. (REVISED)
ENGLISH






To the Purchaser

This new tractor was carefully designed and manufactured to give years of dependable service. To keep it running efficiently, read the instructions in this operator's manual. Each section is clearly identified so you can easily find the information you need whether it is operation, lubrication, service, or trouble shooting. Check the contents page to learn where each section is located. Use the alphabetical index for fast reference.

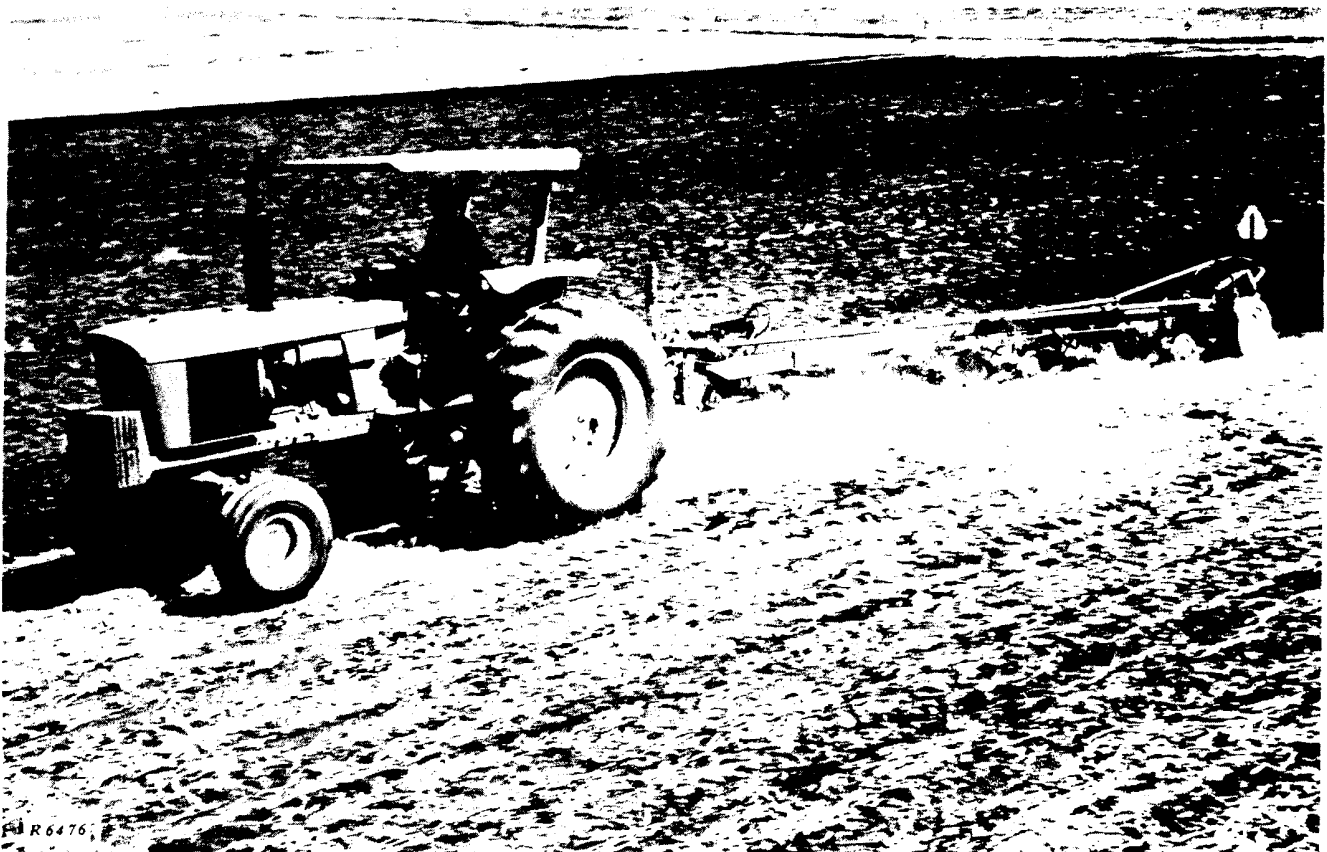
If you need additional information or special service on your tractor, see your John Deere dealer.

 This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

"Right-hand" and "left-hand" sides are determined by facing in the forward direction of tractor travel.

Record the tractor serial numbers in the space provided on page 75. Your dealer needs this information to give you prompt, efficient service when you order parts or attachments. If the tractor requires replacement parts, go to your John Deere dealer where you can obtain genuine John Deere parts—accept no substitutes.

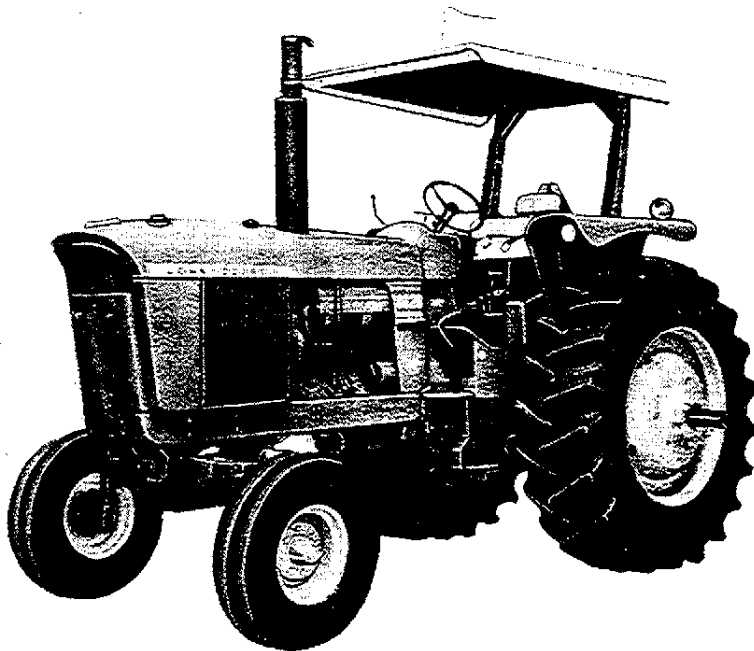
The warranty on this tractor appears on your copy of the purchase order which you should have received from your dealer when you purchased the tractor.





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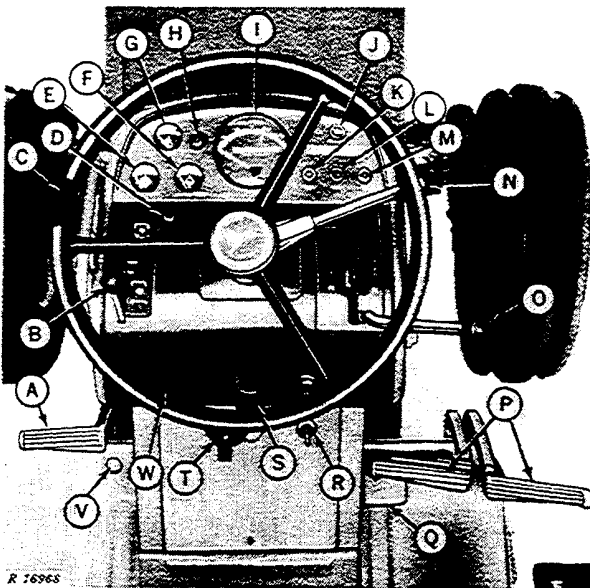
R 16883

John Deere 4620 Row-Crop Tractor with Syncro-Range Transmission, Roll-Gard and Canopy

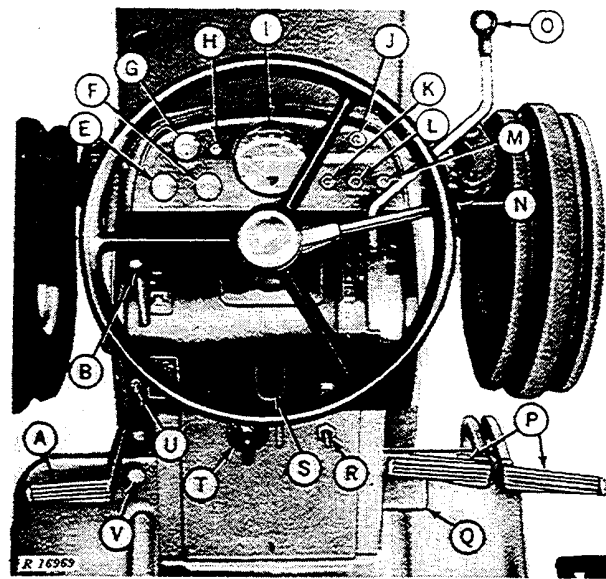


Controls and Instruments

Before attempting to operate your new tractor, become familiar with the location and purpose of its controls and instruments. Additional information will be found on the page number following the control or instrument. Worldwide graphic symbols are used to assist identification and operation. See inside back cover.

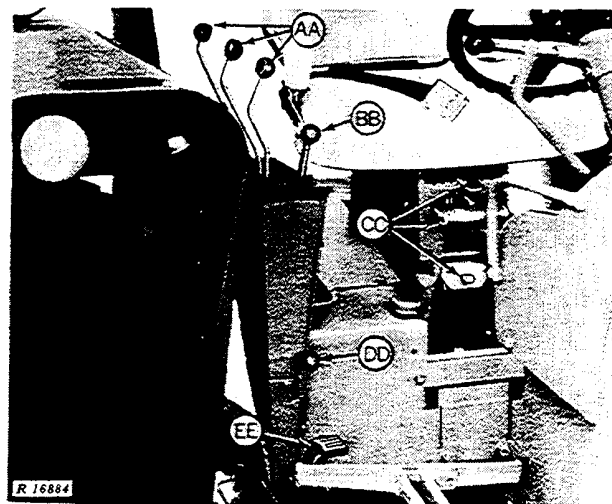


Tractor with Power Shift Transmission



Tractor with Syncro-Range Transmission

- A-Clutch Pedal (Syncro-Range Tractors, page 11)
- Inching Pedal (Power Shift Tractors, page 9)
- B-Power Take-Off Clutch Lever (page 33)
- C-Engine Disconnect Clutch Lever (page 5)
- D-Transmission Oil Filter Indicator Light (page 10)
- E-Transmission Oil Temp. Gauge (pages 10 and 11)
- F-Coolant Temperature Gauge
- G-Fuel Gauge
- H-Speed Indicator Knob (page 9)
- I-Speed-Hour Meter (pages 9 and 39)
- J-Hi-Beam Indicator Light (page 19)
- K-Alternator Indicator Light (page 3)
- L-Air Cleaner Indicator Light (pages 3 and 42)
- M-Oil Pressure Indicator Light (page 3)
- N-Hand Throttle (page 6)
- O-Shift Lever (page 11); Speed Selector (page 9)
- P-Brake Pedals (page 13)
- Q-Foot Throttle (page 7)
- R-Key Switch (pages 3, 4, and 7)
- S-Ether Starting Fluid Adapter (page 4)
- T-Light Switch (page 20)
- U-Power Front-Wheel Drive Switch (page 12)
- V-Headlight Dimmer Switch (page 20)
- W-Disconnect Lever Latch (page 5)



- AA-Remote Cylinder Operating Levers (page 29)
- BB-Rockshaft Control Lever (page 22)
- CC-Seat Controls (page 8)
- DD-Rockshaft Selector Lever (page 23)
- EE-Differential Lock Pedal (page 12)



Operation

Complete instructions for operating your tractor safely and efficiently are given on the following pages. By following these directions carefully, you can be sure that you are taking full advantage of the many features built into your tractor.

OPERATING THE ENGINE

PRESTARTING CHECKS

Perform the following checks and services before starting the engine for the first time each day:

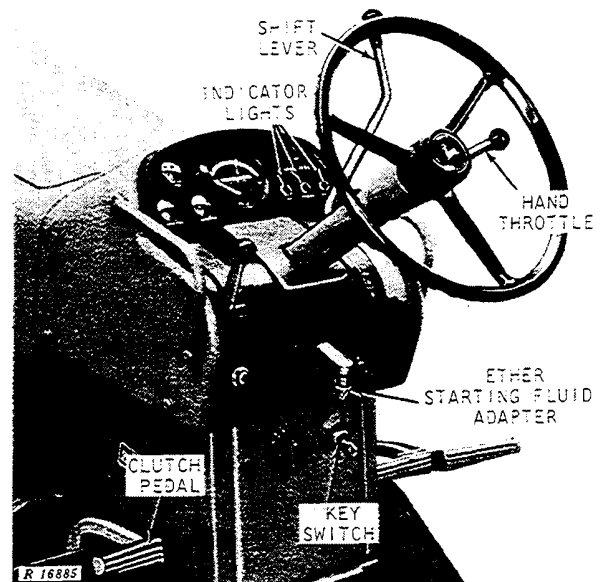
- (1) Check the engine crankcase oil level - see page 43.
- (2) Check the radiator coolant level - see page 44.
- (3) Drain contaminants from fuel filter. See page 44.
- (4) Lubricate the wide-swing drawbar, draft link support, front axle pivot pins, steering knuckle pins, steering bellcrank, and steering cylinder fittings. See page 44.
- (5) Grease the front wheel bearings if the tractor has been operated in extremely wet or muddy conditions - see page 45.
- (6) Make sure the fuel shut-off valve on the fuel tank is open. See page 50.

STARTING THE DIESEL ENGINE

NOTE: If the prevailing temperature is 40°F. or lower, it may be necessary to use a cold weather starting aid to start the engine (page 4).

Perform the Prestarting checks listed above.

- (1) Place the shift lever or the speed selector in the "PARK" position. Depress the clutch pedal or the inching pedal.
- (2) PLACE THE HAND THROTTLE IN THE 1200 RPM POSITION, approximately one-third of its travel downward.



Starting Controls

- (3) Turn the key switch clockwise to the first position. The alternator and oil pressure indicator lights should glow. Turning the key switch further to the start position should cause the air cleaner indicator light and, on power shift tractors, the transmission oil indicator light to glow. If any light fails to glow, turn off the key switch and determine the cause.
 - (4) Turn the key switch all the way to the right to start the engine. Do not operate the starter for more than 30 seconds at a time. To do so may overheat the starter. If the engine does not start the first time, wait for a minute or two before trying again. If it does not start after four attempts, see "Trouble Shooting."
- If the key switch is released before the engine starts, wait until the starter and the engine stop before trying again. This will prevent possible damage to the starter.

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