

# JOHN DEERE 2030 TRACTOR



JOHN DEERE

## OPERATORS MANUAL JOHN DEERE 2030 TRACTOR

OMR50675 H1 English

JOHN DEERE WATERLOO WORKS  
OMR50675 H1

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ENGLISH





## To the Operator

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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, or service.

Read the Contents to learn where each section is located. Use the alphabetical index on pages 80 and 81 for fast reference.

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

Record the serial numbers in the spaces provided on page 78. Your dealer needs this information to

give you prompt, efficient service when you order parts. If your 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.



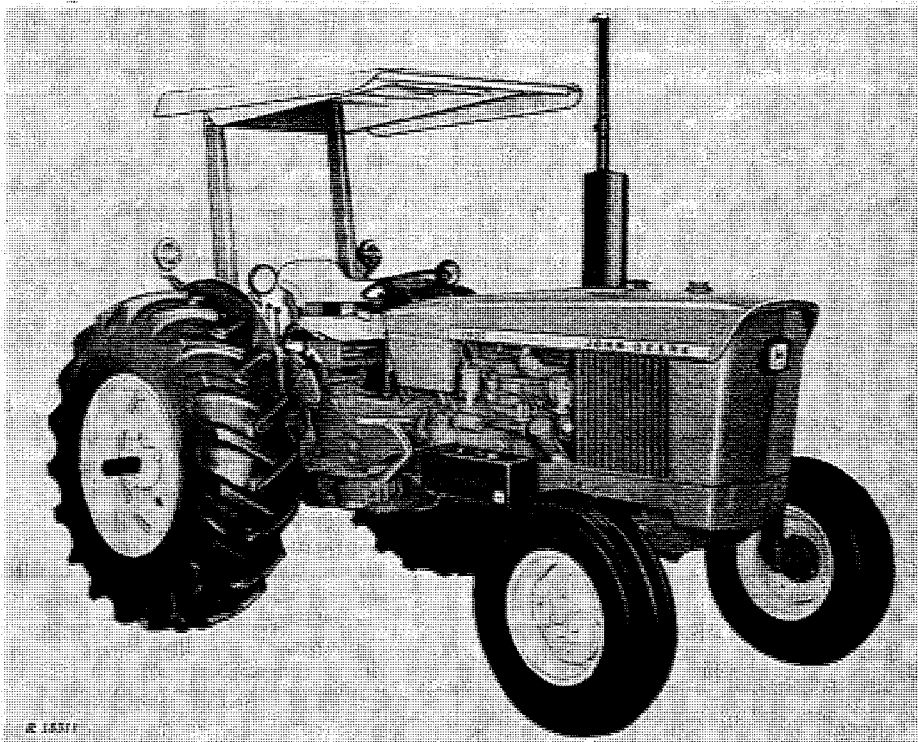
This safety alert symbol indicates important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.



# Contents

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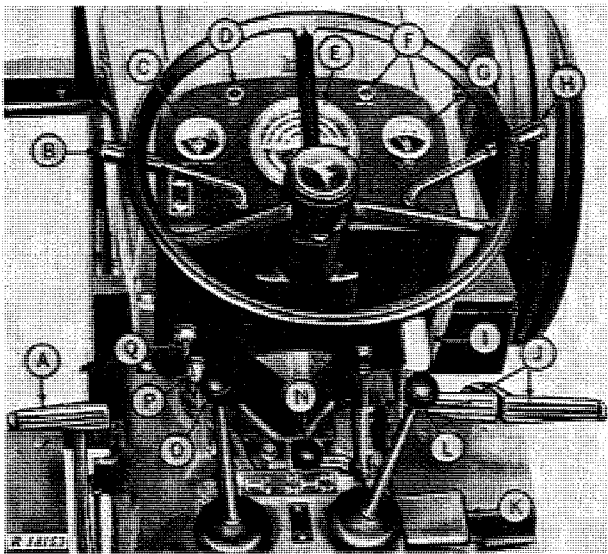


*John Deere 2030 RU Tractor Equipped With Roll-Gard and Canopy*

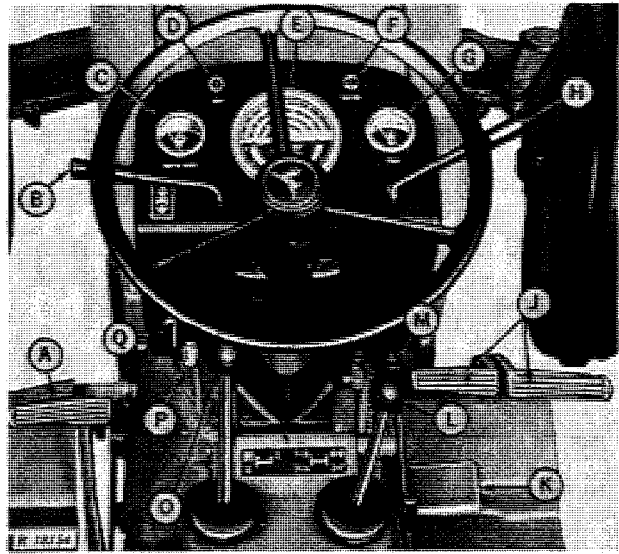


# Controls and Instruments

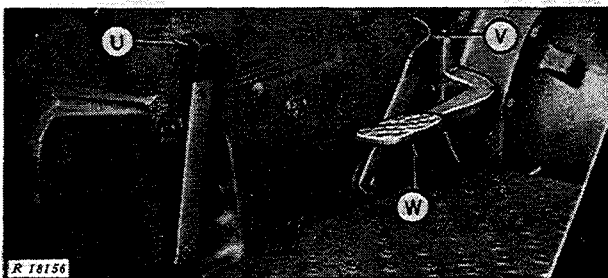
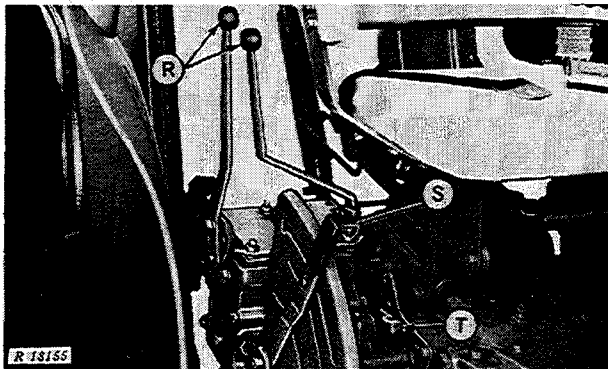
Before attempting to operate your new tractor, become familiar with the location and purpose of its controls and instruments. Additional information will be found on the page number following the control or instrument. Worldwide graphic symbols are used to assist identification and operation.



*Tractor With Diesel Engine and Hi-Lo Shift*



*Tractor With Gasoline Engine and Reverser*



- A—Clutch Pedal (Page 10)
- B—Hi-Lo or Reverser Lever (Page 10)
- C—Coolant Temperature Gauge (Page 7)
- D—Alternator Indicator Light (Page 4)
- E—Speed-Hour Meter (Page 42)
- F—Oil Pressure Indicator Light (Page 4)
- G—Fuel Gauge
- H—Hand Throttle (Page 6)
- I—Ether Starting Fluid Adapter (Diesel—Page 4)
- J—Brake Pedals (Page 12)
- K—Foot Throttle (Page 6)
- L—Gear Shift Lever (Page 9)
- M—Choke (Gasoline—Page 4)
- N—Independent PTO Lever (Page 34)
- O—Range Shift Lever (Page 9)
- P—Light Switch (Page 21)
- Q—Key Switch (Page 3)
- R—Remote Cylinder Operating Levers (Page 28)
- S—Rockshaft Control Lever (Page 22)
- T—Rockshaft Selector Lever (Page 22)
- U—Mid PTO Lever (Page 34)
- V—Rear PTO Lever (Page 34)
- W—Differential Lock Pedal (Page 11)



# 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.

## PRESTARTING CHECKS

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

Check the engine crankcase oil level—see page 47.

Check the radiator coolant level—see page 48.

Drain sediment from fuel filter sediment bowl (diesel)—see page 48.

Inspect air pre-cleaner (if equipped).

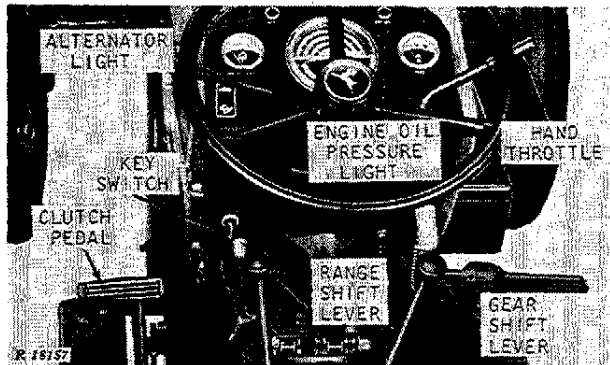
Make sure the fuel shut-off valve on the fuel tank is open. See page 55.

Lubricate front axle. See page 48.

**CAUTION:** Before starting the tractor engine, be sure there is plenty of ventilation. Never operate the tractor in a closed shed or garage.

## OPERATING THE ENGINE

### STARTING THE DIESEL ENGINE



*Diesel Engine Starting Controls*

**NOTE:** If the prevailing temperature is 32°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 range shift lever in park (P), and depress the clutch pedal to reduce drag on the engine.

(2) Place the hand throttle in the 1200 rpm position, approximately one-third of its travel downward.

(3) Turn the key switch clockwise to the first position. The alternator and oil pressure indicator lights should 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.

Before starting a tractor by towing, see page 10.

**IMPORTANT:** Never attempt to start a tractor with Hi-Lo Shift or reverser by towing or pushing, as the clutches may be damaged.

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