

John Deere 6030 Tractor



JOHN DEERE

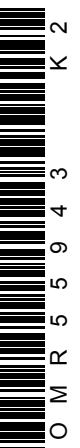
OPERATORS MANUAL

John Deere 6030
Tractor

OMR55943 K2 English

John Deere Tractor Works
OMR55943 K2

LITHO IN 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 and periodic service, or trouble shooting. Check the Contents to learn where each section is located. Use the alphabetical index for fast reference.



Worldwide graphic symbols are used to assist identification and operation. In this manual, an identifying symbol is placed by the instructions like the example at left for the symbol on the engine oil pressure gauge. The cylinder block in the symbol represents the engine, the drop signifies oil, and the arrows indicate pressure. Regardless of the language used in a nation, this symbol means engine oil pressure without translation.

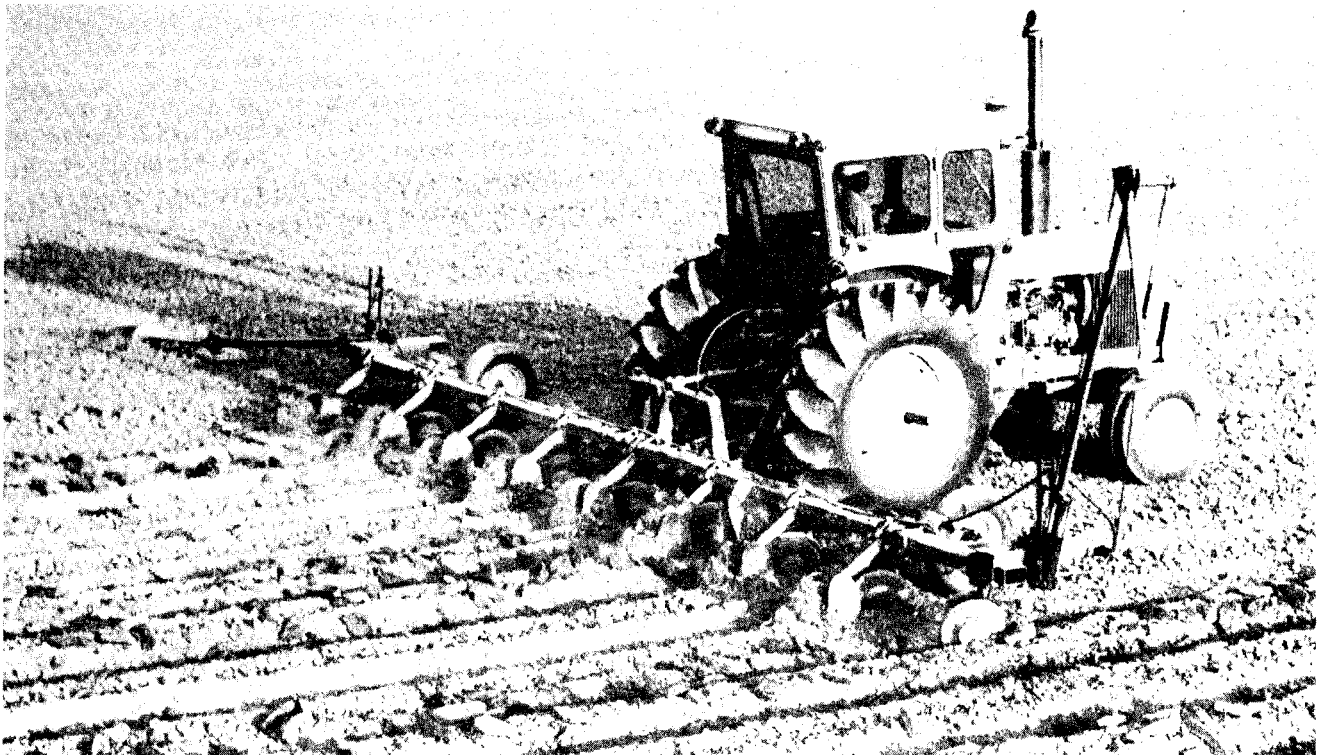
Record your tractor serial numbers in the spaces provided on page 75. Your dealer needs this information to give you prompt, efficient service and parts. If your tractor requires replacement parts, go to your John Deere dealer where you can obtain genuine John Deere parts—accept no substitutes.

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.

The references in this manual to the "right-hand" and the "left-hand" sides of the tractor are determined by facing in the direction of tractor forward travel.



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.





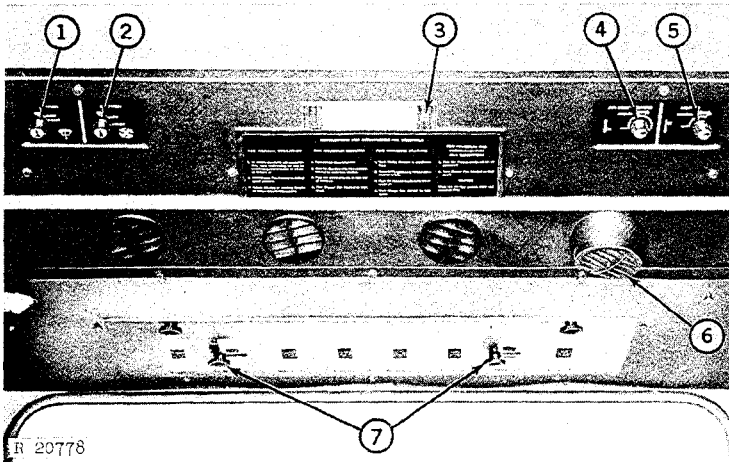
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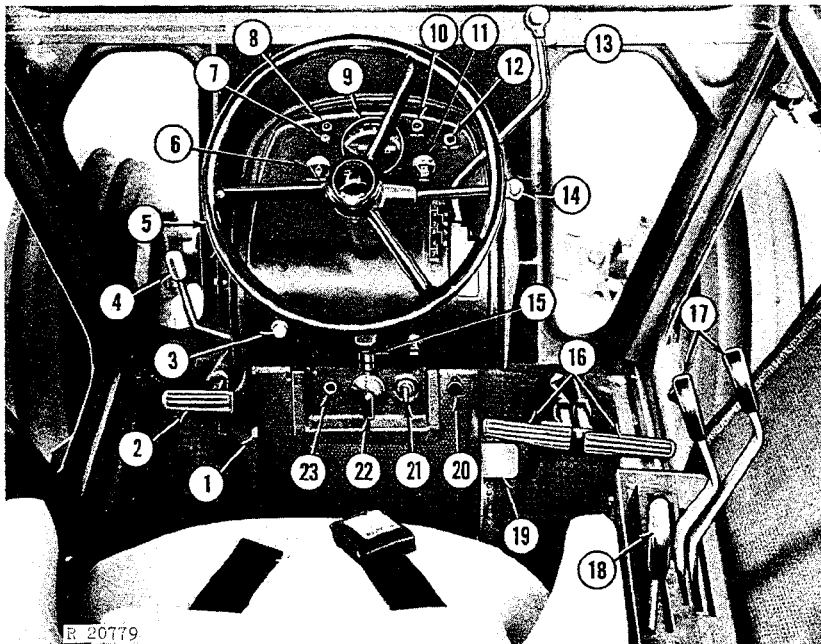


Controls and Instruments

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.



- 1—Wiper Switch (page 9)
- 2—Blower Switch Knob (page 8)
- 3—Dome Light Switch
- 4—Air Conditioning Temperature Control Knob (page 8)
- 5—Heater Temperature Control Knob (page 8)
- 6—Defrosting Louver (page 8)
- 7—Recirculating Air Baffle Knobs (page 8)



- 1—Headlight Dimmer Switch (Page 21)
- 2—Clutch Pedal (Page 3)
- 3—Horn Switch
- 4—PTO Clutch Operating Lever (Page 32)
- 5—Steering Wheel
- 6—Coolant Temperature Gauge (Page 7)
- 7—Speed Indicator Knob (Page 10)
- 8—Alternator Indicator Lamp (Page 3)
- 9—Speed-Hour Meter (Pages 10 and 38)
- 10—Oil Pressure Indicator Lamp (Page 3)
- 11—Fuel Gauge
- 12—"Hi-Beam" Indicator Lamp (page 21)
- 13—Gear Shift Lever (Page 10)
- 14—Hand Throttle (Page 6)
- 15—Ether Starting Fluid Adapter (Page 4)
- 16—Brake Pedals (Page 11)
- 17—Remote Cylinder Operating Levers (Page 28)
- 18—Rockshaft Control Lever (Page 23)
- 19—Foot Throttle (Page 6)
- 20—Engine Stop Knob (Page 3)
- 21—Key Switch (Page 3)
- 22—Light Switch (Pages 20 and 21)
- 23—Air Cleaner Indicator Light (Pages 3 and 40)



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 for the first time each day—see pages 43 and 44 for additional information.

- (a) Check the engine crankcase oil level.
- (b) Check the radiator coolant level.
- (c) Check and if present, remove water or sediment from fuel pump sediment bowl or the fuel filter.
- (d) Lubricate the wide swing drawbar rollers, the front axle pivot pins, steering knuckle pins, steering bell crank and steering cylinder end fittings.
- (e) Grease the front wheel bearings and rear axle bearings if the tractor has been operated in extremely wet or muddy conditions.
- (f) Make sure the fuel shut-off valve on the fuel tank is open.

OPERATING THE ENGINE

STARTING THE 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—see next page.

(1) See that the shift lever is in “park” position, the PTO clutch is disengaged, the rockshaft control lever is in the lowered position, and the remote cylinder operating levers are in neutral.

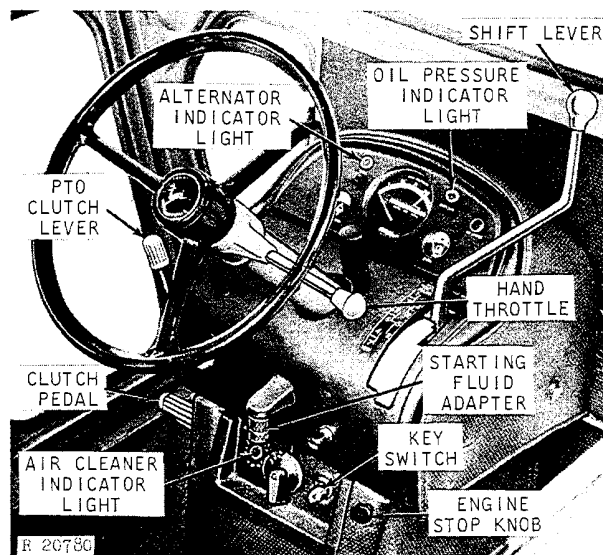
(2) Set the hand throttle approximately 1/3 of its travel downward (1000) rpm position. If the engine is turbocharged, the engine stop knob should be all the way in.



(3) Turn the key switch clockwise to the first position. The alternator (see worldwide symbol at left) and oil pressure indicator lights should glow.



Turning the key switch further to the start position should cause the air cleaner (see symbol) indicator light to glow and cause the alternator indicator light to go out. If any light fails to glow, turn off the key switch and determine the cause.



Starting Controls



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

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