

JOHN DEERE 7020 TRACTOR



JOHN DEERE

OPERATORS MANUAL JOHN DEERE 7020 TRACTOR

OMR51158 F1 English

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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.

Record your tractor serial numbers in the spaces provided on page 63. 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.





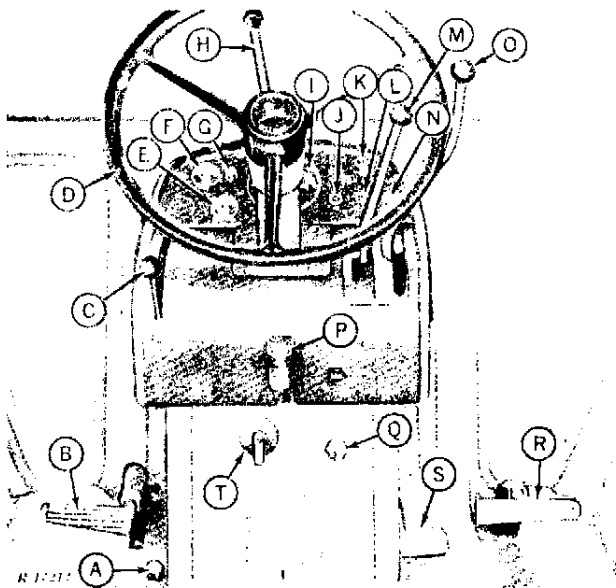
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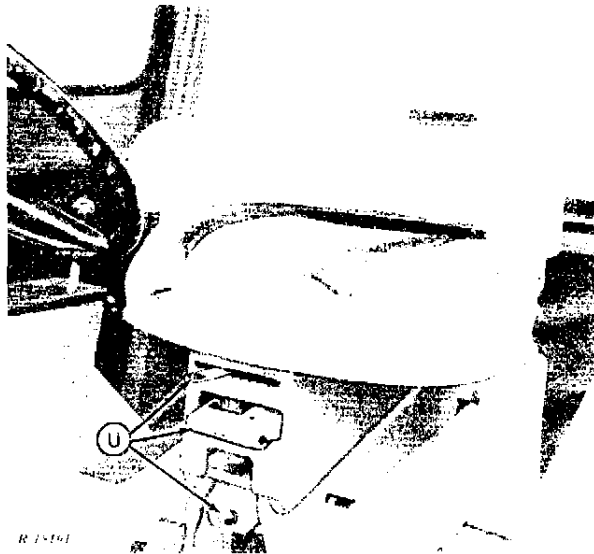


Controls and Instruments

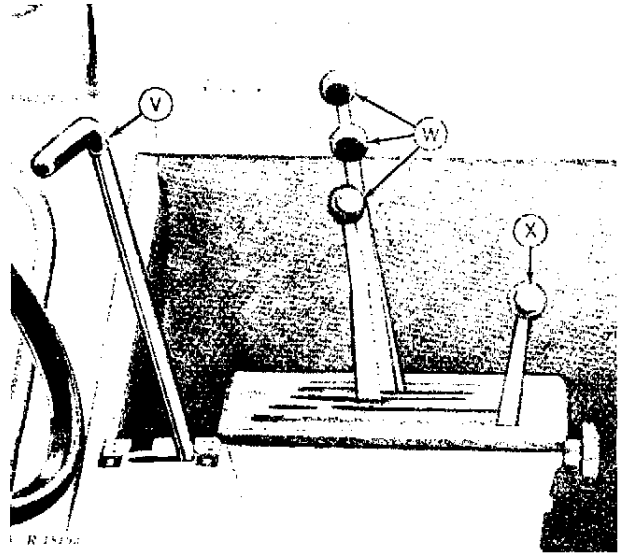
Before attempting to operate your new tractor, become familiar with the location and purpose of its controls and instruments. Additional information will be found on the page number following the control or instrument. Worldwide graphic symbols (see inside back cover) are used to assist identification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



- A-Foot Dimmer Switch (Page 17)
- B-Clutch Pedal (Page 3)
- C-PTO Shifter Lever (Page 26)
- D-Steering Wheel
- E-Coolant Temperature Gauge (Page 7)
- F-Fuel Gauge
- G-Speed Indicator Knob (Page 12)
- H-Hand Throttle (Page 6)
- I-Speed-Hour Meter (Pages 12 and 32)
- J-Alternator Indicator Lamp (Page 3)
- K-"Hi-Beam" Indicator Lamp (Page 17)
- L-Air Cleaner Indicator Lamp (Page)
- M-Gear Selector Lever (Page 11)
- N-Oil Pressure Indicator Lamp (Page 3)
- O-Range Selector Lever (Page 11)
- P-Ether Starting Fluid Adapter (Page 4)
- Q-Key Switch (Page 3)
- R-Brake Pedal (Page 13)
- S-Foot Throttle (Page 6)
- T-Light Switch (Page 17)



U-Seat Controls (Page 9)



- V-Hi-Lo Speed Selector Lever (Pages 10 and 11)
- W-Remote Cylinder Operating Levers (page 22)
- X-Rockshaft Control Lever (Page 18)



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—see page 33 for additional information.

- (a) Check the engine crankcase oil level.
- (b) Check the radiator coolant level.
- (c) Check fuel filter for water or sediment. If present, drain (water or sediment) from the filter.
- (d) Lubricate hinge pivot pins, front axle pivot pins, steering cylinder pivot pins, and wide-swing drawbar rollers.
- (e) Check hydraulic oil lines in the hinge area for rubbing, chafing, or scraping.

STARTING THE ENGINE

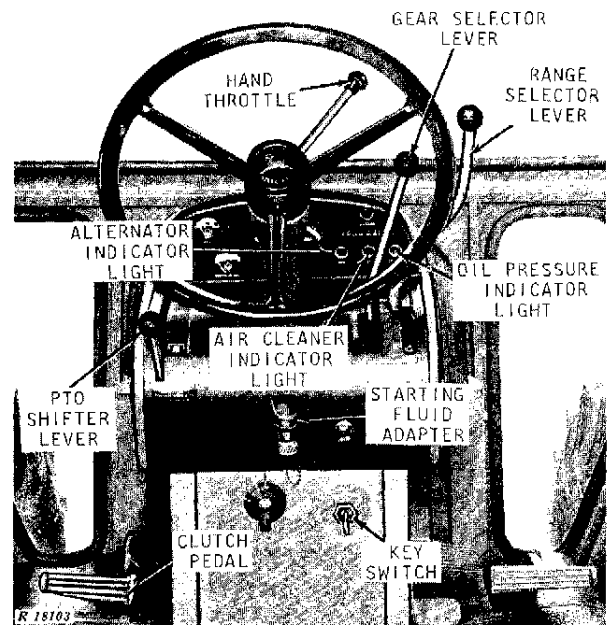
NOTE: If the prevailing temperature is 40°F. or lower, it may be necessary to use a cold weather starting aid to start the engine—see next page.

- (1) Make sure that the fuel shut-off valve at the bottom of the fuel tank is open—see page 44.
- (2) First, place the range selector lever in neutral (N) and the gear selector lever in "PARK." If so equipped, the "hi-lo" speed selector lever should be in either "hi" or "lo." Depress the clutch pedal to decrease drag on the engine.

The PTO shifter lever should be disengaged, the remote cylinder control lever should be in neutral, and the rockshaft control lever should be in the lowered position.

- (3) Set the hand throttle approximately 1/3 of its travel downward to the first stop.

- (4) 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 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

- (5) 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," page 57.

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 the starter will operate, the range selector lever must be in neutral (N).

- (6) After the engine starts, the indicator lights should go out. If a light continues to glow when the engine is running, stop the engine and determine the cause.

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