

John Deere

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MODEL:

4440 Tractor

MANUAL PREVIEW

OPERATOR'S
MANUAL

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**4440
TRACTOR**

MANUAL PREVIEW

OPERATORS MANUAL

**4440
TRACTOR**

OMR65461 D1 English

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**JOHN DEERE TRACTOR WORKS
OMR65461 D1**

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LITHO IN THE U.S.A.
ENGLISH

IMPORTANT WARRANTY INFORMATION

The warranty on this tractor appears on your copy of the purchase order which you should have received from your dealer when making your purchase. This warranty provides you the assurance that John Deere will back its products where defects appear within the warranty period. In some circumstances, John Deere also provides field improvements, often without charge to the customer, even if the product is out of warranty.

Warranty and field improvements are a part of John Deere's product support program for customers who operate and maintain their equipment as described in this manual. Should the equipment be abused, or modified to change its performance beyond the original factory specifications, the warranty will become void and field improvements may be denied. Setting fuel delivery above specifications or otherwise overpowering machines will result in such action.



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.



Worldwide 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.

This operator's manual contains SI Metric equivalents which follow immediately after the U.S. customary units of measure.

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

Record your tractor serial numbers on page 131. Provide this information to your dealer when ordering parts.



R29776

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Automatic Extend

Pull lever all the way to the rear and release it. Lever will stay in this position until cylinder reaches end of its stroke. Then it will automatically return to neutral.

**Retract**

Push lever slightly forward from neutral and hold it against spring pressure. This retracts cylinder and in most cases lowers implement. Lever returns to neutral when released.

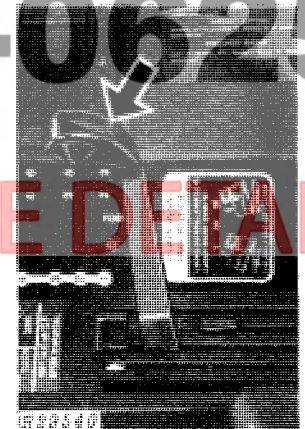
**Automatic Retract**

Push lever farther forward and release it. Lever will stay in this position until cylinder reaches end of its stroke. Then it will automatically return to neutral.

**Float**

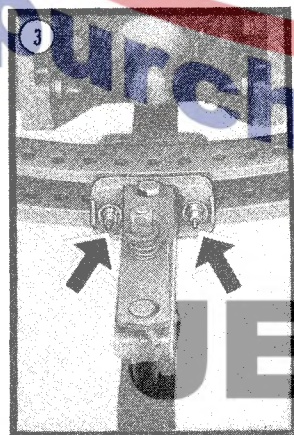
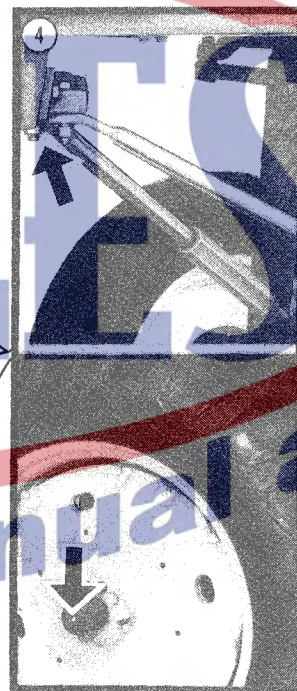
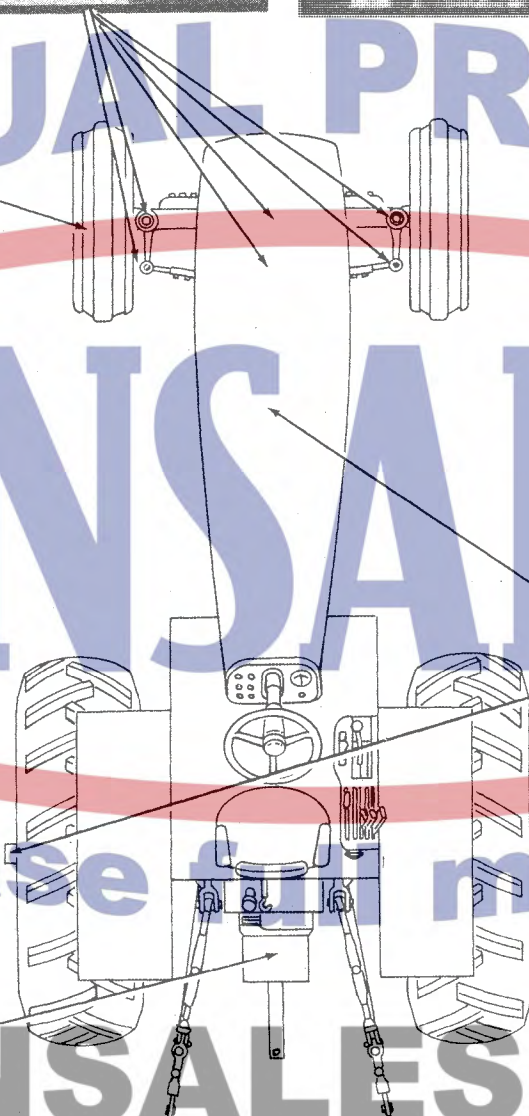
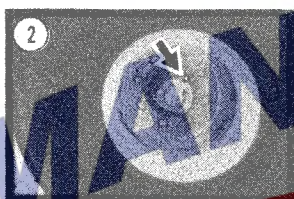
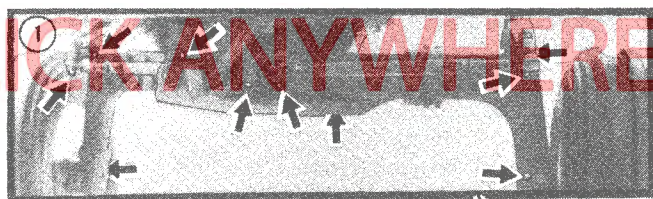
Lift movable stop and slide it forward. Lever can then be pushed all the way forward to the float position. Cylinder is free to extend or retract, letting implement follow ground.

IMPORTANT: When float is not needed, move stop back to its lockout position to prevent accidental use of float.



Continued on next page

EVERY 10 HOURS OF OPERATION



RW1740

RW1740

1. LUBRICATE AXLE PIVOT PINS, STEERING SPINDLES, AND TIE RODS with several shots of grease specified on page 83 (10 fittings).
2. GREASE FRONT WHEEL BEARINGS DAILY, ONLY IF TRACTOR HAS BEEN IN EXTREMELY WET CONDITIONS. Continue 10 hour lubrication until wheel bearings can be cleaned and repacked. Use grease specified on page 84.
3. LUBRICATE WIDE-SWING DRAWBAR ROLLERS with several shots of grease specified on page 83.

4. LUBRICATE FITTINGS ON ENDS OF REAR AXLES AND RADIUS ROD PIVOT GREASE FITTING on Hi-Crop tractors with several shots of grease with grease specified on page 83.
5. CHECK FUEL PUMP SEDIMENT BOWL AND FUEL FILTERS for sediment or water. If any is present, drain it out and bleed air from lines. See page 105.

QUAD-RANGE TRANSMISSION:**Type**

2-speed, power-shifted planetary and 8-speed synchronized

Gear selections

16 forward and 6 reverse

PERMA-CLUTCH™

hydraulically-operated, multiple-disk wet clutch

POWER TAKE-OFF:**Type**

fully independent

Speed (2200 engine rpm)

dual speed 540/1000 rpm

Size

1-3/8 in. (35 mm)

Clutch

hydraulically-operated, multiple-disk wet clutch

POWER FRONT-WHEEL DRIVE:**Type**

hydraulic motor with planetary gear reduction, constant torque and variable speed

Controls

solenoid-operated valves, synchronized with transmission controls

HYDRAULIC SYSTEM:**Type**

closed-center, constant-pressure

Standby pressure

2250 psi (15 500 kPa) (155 bar)

BRAKES:**Type**

hydraulically-operated wet disk

ELECTRICAL SYSTEM:**Type**

12-volt, negative ground

Batteries

two, 6-volt, 5D group, 800 amps cold cranking, 376 minutes reserve capacity

Alternator

72-amp with SOUND-GARD Body, 61-amp without

FRONT TIRES

see page 104

REAR TIRES

see page 104

FRONT WHEEL TREAD

see page 68

REAR WHEEL TREAD

see page 70

GROUND SPEEDS

see page 30

DIMENSIONS:**Wheelbase**

106.7 in. (2 709 mm)

Overall length

158.6 in. (4 028 mm)

Height to muffler cover*

128.7 in. (3 268 mm)

Height to top of SOUND-GARD Body*

117.3 in. (2 979 mm)

Overall width (regular axle)

90 in. (2 277 mm)

Width at fender

82.0 in. (2 082 mm)

Width at roof

54.4 in. (1 382 mm)

Turning radius

146 in. (3 700 mm)

SHIPPING WEIGHT**

11,780 lbs. (5343 kg)

*Tractor equipped with 20.8-38 R1 rear tires and 11.00-16 front tires.

**Equipped for average field service, without fuel and ballast. Add approximately 1000 lbs. (450 kg) if equipped with power front-wheel drive.

(Specifications and design subject to change without notice.)

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