

John Deere

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MODEL:

2010 Row Crop
Diesel

MANUAL PREVIEW

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**JOHN DEERE
2010 ROW-CROP
DIESEL TRACTORS**



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MANUAL PREVIEW

**OPERATORS MANUAL
JOHN DEERE 2010 ROW-CROP
DIESEL TRACTORS**

OMT14697 H0 English

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**JOHN DEERE TRACTOR WORKS
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BRAKES

Self-energizing, disk-type; foot-operated individually or simultaneously.

ELECTRIC SYSTEM

Battery (dry) voltage (nominal) 12 volts
Battery specific gravity:

Full charge 1.250 (plus or minus .010)

Battery terminal grounded positive

DIMENSIONS

Tractor equipped with 12.4 x 36 rear tires, 6:00 x 14 front tires

Height to top of hood 60-1/16 inches

Over-all height 85-3/4 inches

Over-all width, min. 86 inches

Over-all length:

(with Universal 3-Point Hitch) 140 inches

(tire to tire edges) 132 inches

Wheelbase 90 inches

Clearance (front axle) 23-3/4 inches

Turning radius 104 inches

Shipping weight (approx.) 4600 lbs.

TIRES

Front 6:00 x 14 — 4 ply

6:00 x 14 — 6 ply

6:50 x 16 — 8 ply

9:00 x 10 — 8 ply

Rear 11.2 x 36 — 4 ply

12.4 x 36 — 4 ply

13.9 x 36 — 4 ply

WHEEL TREADS

Front 50 to 74 inches in 2-inch steps:

(Adjustable Axle) 79-1/8 inches with wheels reversed

Rear Adjustable axle, 56 to 92 inches:

power adjustable, 64 to 88 inches in

4-inch increments (regular); 56 to 80

inches in 4-inch increments (op-

tional)

POWER TAKE-OFF

Conforms to ASAE-SAE Standards, with dual speeds of
540 rpm or 1000 rpm (engine driven rear).

BELT PULLEY

Diameter 12 inches

Face 8-1/2 inches

Rpm at engine speed 1900 rpm 961

Rpm at fast-idle 2100 rpm 1060

Belt speed at engine speed 1900 rpm 3019 fpm

(Specifications and design subject to change without notice.)



T 2400

Left side view of John Deere 2010 Row-Crop Diesel Tractor

Fenders

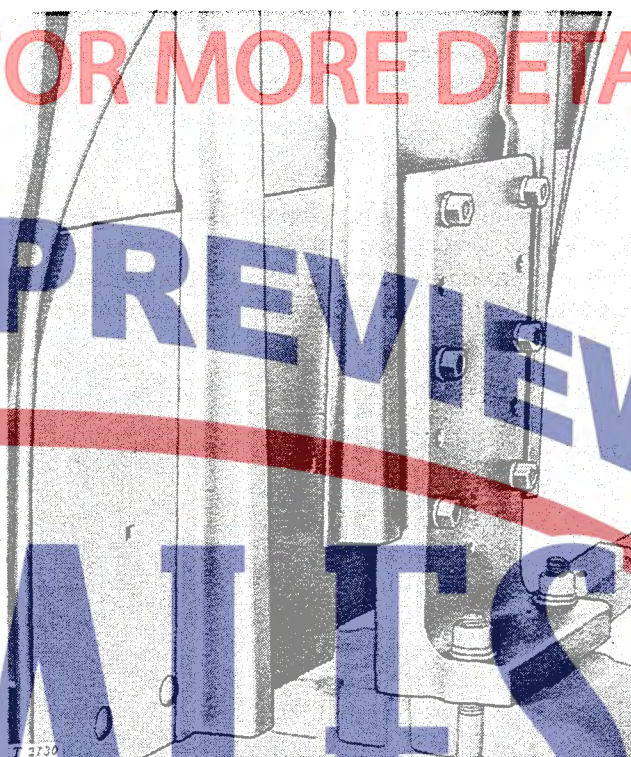
Your tractor may be equipped with fenders designed for single mounted headlights or for dual mounted headlights. These fenders may be moved in or out on the rear axle housing, and they also may be moved up or down. Each fender is bolted to a fender support and is held in place on the rear axle housing with a U-bolt which fits into one of six different pairs of slots. These slots are spaced 2 inches apart along the axle housing.



Fenders with dual mounted headlights can be moved in or out by removing the hex. nuts, lock washers, and U-bolts. Place fender in the desired position and secure with U-bolts.

To move the fenders with single mounted headlights in or out, remove the U-bolts in addition to the cap screws, lock washers and hex. nuts attaching fender front support to the foot rest.

An accident is usually caused by someone's carelessness, neglect, or oversight.



Position fender in the desired position and secure[®] with attaching hardware.

To adjust the height of a fender with single headlights, remove the six hex. nuts, lock washers and fender-retaining cap screws which hold the fender in place on the fender support. Then slide the fender up or down on the support until the holes in the upper and lower fender braces line up with the holes in the fender support. There are three possible positions for the fenders which will permit these holes to line up. When the fender is in the desired position, install and tighten the six fender retaining cap screws.

The procedure for vertical adjustment of the dual headlight fender is identical except that only four fender retaining cap screws are used.

NOTE: When moving the fenders, be careful not to damage the light wiring harness.

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Power take-off

The Independent Live 540-1000 rpm Power Take-Off System permits operation of PTO-driven machines from the rear of the tractor. The PTO shaft will supply continuous power as long as the engine is running.

A single power take-off shaft is used to operate both 540 rpm and 1000 rpm equipment. The splined end of the powershaft with 6 teeth is used to hook up 540 rpm equipment; by reversing the powershaft and using the end with 21 spline teeth to connect equipment, 1000 rpm operation is obtained.

Using PTO clutch lever



PTO clutch lever

The power take-off shaft is engaged by a special clutch which makes it easy and convenient to operate regardless of whether or not the tractor is in motion. A PTO clutch operating lever on the left side of the tractor seat operates the PTO linkage. Pushing the lever all the way forward engages the clutch and PTO shaft. Pulling the lever all the way back disengages the PTO shaft.

Removing PTO master shield

When attaching a short-coupled implement to the 3-point hitch, it may be necessary to remove the PTO master shield at the rear of the tractor. To do so, pull rearward on the shield retaining pin and lift the shield from the bracket.



CAUTION: Remove the master shield only when necessary. Be sure that the shield is in place any time the PTO guard is removed.

Adjustments of the master shield are covered under "Converting PTO Speed."

Removing PTO guard

Remove the PTO guard only when the power take-off shaft is to be used.



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