

John Deere

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MODEL:

820 Utility

MANUAL PREVIEW

OPERATOR'S
MANUAL

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820

Tractor

MANUAL PREVIEW

OPERATORS MANUAL

820

Tractor

OML29340 Issue J2 English

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John Deere Tractor Works

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SINGLE ROW FRONT WEIGHTS

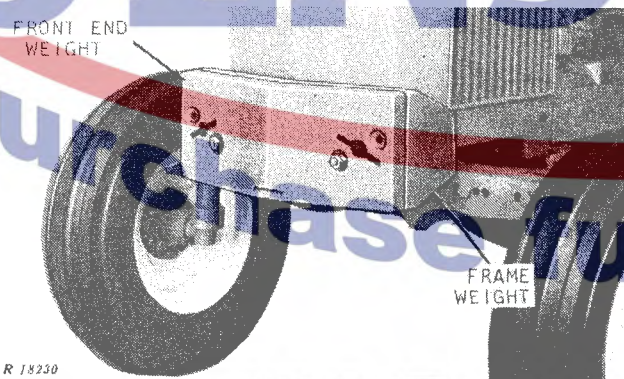
Implement Code Number	Weights Required	
	Frame Weights	Front End Weights
0-65	No	None
66-72	Yes	None
73-77	Yes	1
78-82	Yes	2
83-86	Yes	3
87-92	Yes	4

QUIK-TATCH FRONT WEIGHTS

Implement Code Number	Weights Required	
	Weight Support	Weights
0-65	No	None
66-70	Yes	None
71-82	Yes	2
83-93	Yes	4

Determining Ballast without Implement Code System

If your implement operator's manual does not show an implement code number, use the information on ballasting given in implement manual to achieve stability and steering control during transport.

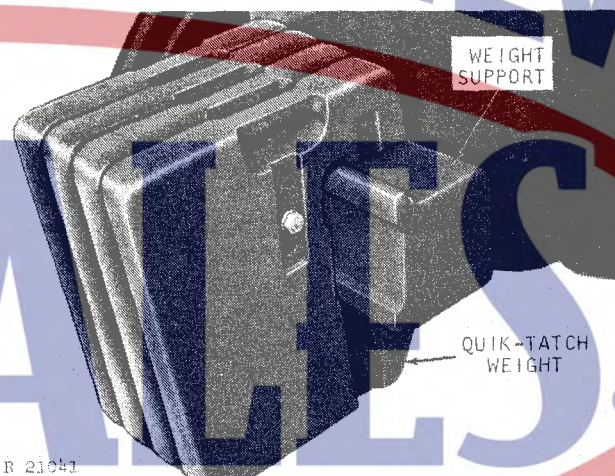
Single Front Weights

R 18230

Frame Weight and One Front End Weight

Up to four front end weights, plus the frame weight, can be used on your tractor. Each front end weight weighs approximately 85 pounds. See your John Deere dealer for these weights.

To install weights, first bolt the frame weight to front end of tractor. Then install carriage bolts in slotted holes of frame weight and fasten the first front end weight to frame weight. Rotate each weight 180 degrees with respect to the preceding weight to line up the mounting holes. Be sure to tighten bolts securely.

Quik-Tatch Front Weights

Quik-Tatch Front Weights

One Quik-Tatch weight support and up to 4 Quik-Tatch front weights may be added. The weight support weighs 75 pounds and each Quik-Tatch weight weighs 105 pounds.

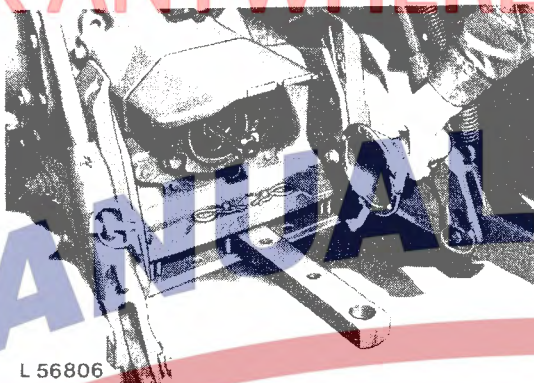
Install the weight support first and tighten the attaching screws to 300 ft-lbs torque. Install the Quik-Tatch weights in pairs with an equal number on each side of the weight centering boss on the bottom of weight support. Tighten the bolts to 170 ft-lbs torque.

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POWER TAKE-OFF

The tractor can be equipped with a single rear PTO-shaft for 540 rpm.



Rear PTO-Shaft with Guard Removed

Operation of the powershaft is independent of the transmission, i.e. it can be operated while the tractor is stationary.

OPERATION OF PTO



1—PTO Shifter Lever
2—PTO Engaged

3—PTO Disengaged

To engage the PTO, completely depress the clutch pedal (momentarily waiting for tractor motion to stop) and move the shifter lever to the engaged position. With the engine running, slowly release the clutch pedal.

IMPORTANT: PTO shifter lever must be fully engaged to avoid excessive spline wear.

To disengage the PTO, completely depress the clutch pedal and move the shifter lever to the disengaged position.



CAUTION: Always disconnect rear PTO when not in use.

POSITIONS OF THE CLUTCH PEDAL



L 56862

- 1—PTO Disengaged
- 2—PTO Operating, Transmission Disengaged
- 3—Transmission Engaged, PTO Operating

Depressing the clutch pedal to No. 2 position disengages the transmission and leaves the PTO shaft in operation. If the PTO operation should be stopped as well, depress clutch pedal to No. 1 (PTO disengaged) position.

POSITIONING PTO CLUTCH PEDAL



L 56863

- 1—Clutch Pedal
- 2—Pedal Positioning Cap Screw

Positioning Clutch Pedal for PTO Operation

POWER TAKE-OFF (continuous running)

Rear 540 rpm

HYDRAULIC SYSTEM open center

FOOT BRAKES Hydraulically actuated,
wet-disk type, one each
per rear wheelPARKING LOCK Range shift lever in park (P)
position**TIRES****Rear Tires**
Tire size**Ply**

12.4-28

6

13.6-28

4

16.5L-16.1

6

16.9-24

6

21.5L-16

6

Front Tires
Tire size**Ply**

5.50-16

4

6.00-16

6

6.00-16

4

6.50-16

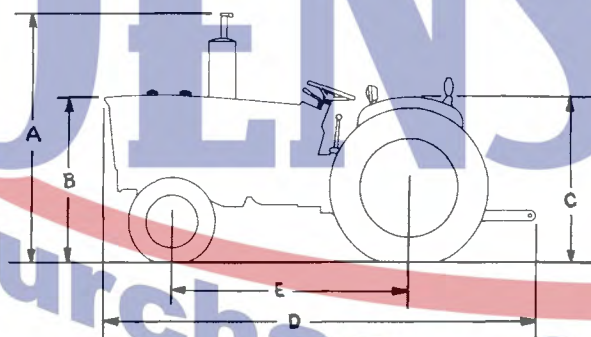
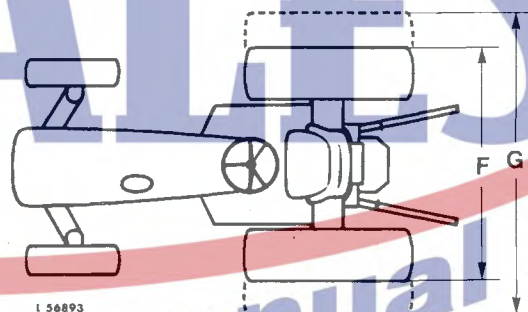
4

27/9.5-15

4

23/10.5-12

4

DIMENSIONSEquipped with -
13.6-28 Rear and 6.00-16 FrontEquipped with -
16.9-24 Rear and 27/9.5-15 Front

A—Over-all height (vertical exhaust)	78.09 in. (1983 mm)	80.79 in. (2052,5 mm)
B—Height to top of hood	52.66 in. (1337 mm)	* 86.47 in. (2196,7 mm)
C—Height to top of fender	51.5 in. (1308 mm)	* * 55.97 in. (1422 mm)
D—Over-all length (w/3-point hitch)	133.42 in. (3388,8 mm)	133.42 in. (3388,8 mm)
E—Wheel base	74.37 in. (1889 mm)	74.37 in. (1889 mm)
F—Over-all width with smallest tread width	63.06 in. (1601,6 mm)	71.20 in. (1808,5 mm)
G—With largest tread width	89.6 in. (2273 mm)	91.20 in. (2326,5 mm)
Turning radius	110 in. (2794 mm)	110 in. (2794 mm)

* Height to top of Roll-Gard Canopy

* * Height to top of steering wheel

(Specifications and design subject to change without notice)

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