



NO. 943 WAGON



JOHN DEERE

OPERATORS MANUAL

NO. 943
WAGON

OMD9952 (01SEP52) English

DEERE & COMPANY ARCHIVES
OMD9952 (01SEP52)

LITHO IN THE U.S.A.
ENGLISH



TO THE PURCHASER

The purpose of this manual is to furnish valuable information about your No. 943 Wagon. In this manual you will find instructions and helpful suggestions for operating, adjusting, lubricating, setting-up, and servicing your new wagon. Also included is a complete parts list with helpful illustrations to aid in proper identification of parts if replacement becomes necessary.

Keep this manual in a convenient place for quick and easy reference. Use it as a guide whenever questions arise. You have purchased a dependable, sturdy wagon, but only by proper care and operation can you expect to receive the service and long life designed and built into it.

If you need additional information, or if your wagon requires special servicing, see your John Deere dealer. He has all the facilities required to keep your wagon in A-1 condition. He will be glad to serve you.

Sometime in the future your wagon may need new parts to replace worn or broken parts or for emergency repairs. If so, go to your John Deere dealer. He will see that you get high-quality, genuine John Deere parts. When ordering, be sure to give him the correct part number and description of the part desired. Such information can be obtained from the parts list section of this manual. This information will help him to identify the part you need.

Be sure to record the serial number of your wagon in the space provided below. The serial number is located on right-hand, back side of the wagon's hind axle.

The Serial Number of your No. 943 Wagon is.....

Date of Purchase19....

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(It is John Deere policy to improve our machines at every opportunity. Consequently, it may be necessary to change design without notice.)

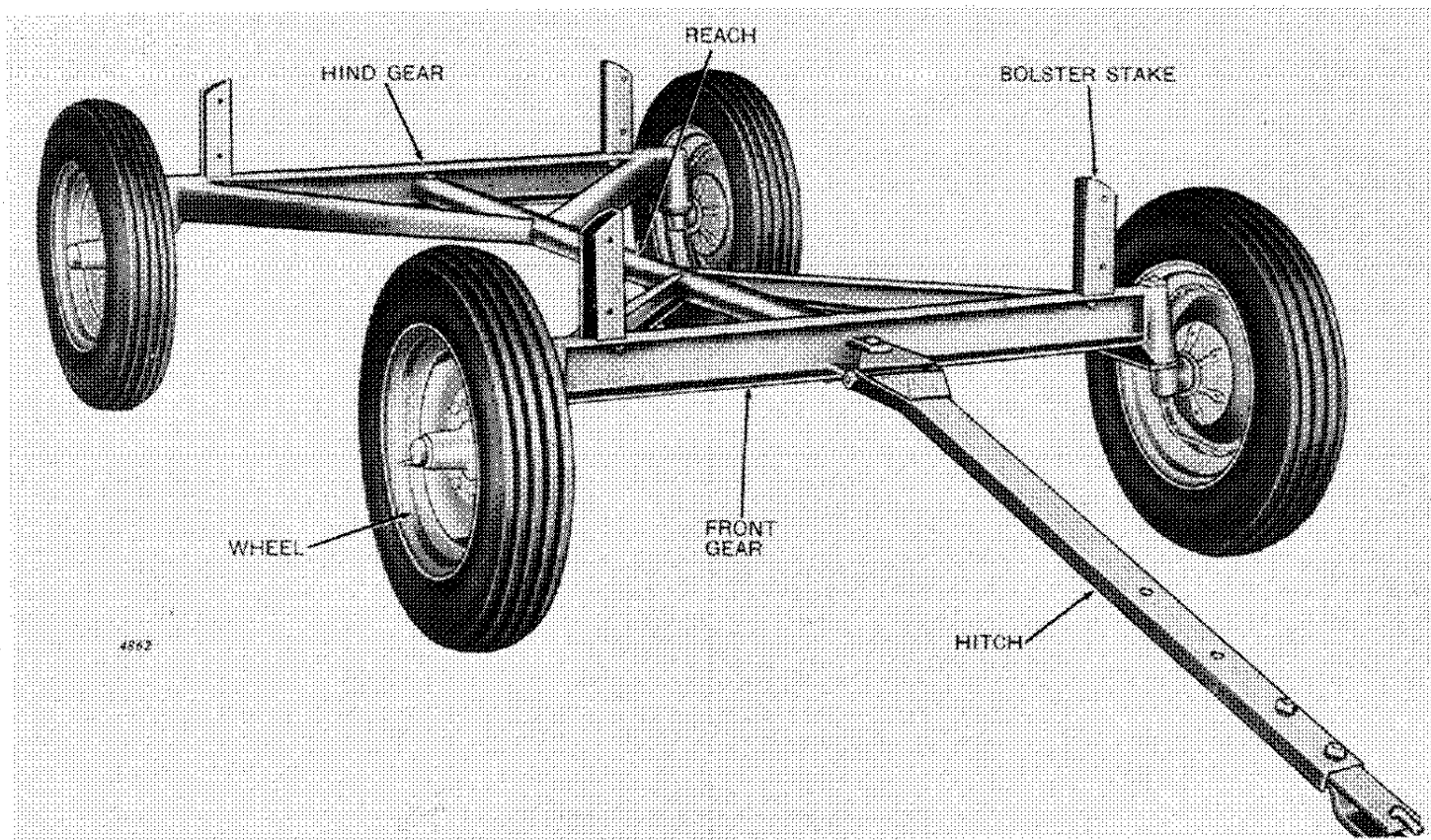


Figure 1—No. 943 Wagon

OPERATING INSTRUCTIONS

Wheel Base Settings.

By means of the different hole combinations on the reach housings of the front and hind gears, it is possible to set the wagon for 5 different wheel bases, which are 82, 94, 106, 118 and 130 inches.

Bolster Settings.

The bolster stakes may be set either 38 or 42 inches apart.

Tire Sizes, Tire Pressures and Gross Capacities (Pneumatic Tires)

Tire	Wheel	Capacity on 4 Tires Under 20 M.P.H.	
		Capacity	Inflation
6.40 x 15—4-Ply Passenger	15 x 5K	4500 Lbs.	28 Lbs.
6.70 x 15—4-Ply Passenger	15 x 5K	4500 Lbs.	28 Lbs.

Tire Sizes and Gross Capacities (Steel Wheels)

Tire	Wheel	Capacity on 4 Wheels Under 6 M.P.H.
26 x 4	J. D. 1083 D	4000 Lbs.
26 x 7	J. D. 1084 D	4000 Lbs.

Your wagon, when equipped with steel tired wheels, has the same high-quality Timken-tapered roller bearings as when equipped with pneumatic tires. However, the steel tires are not designed for high speed travel.

Six miles per hour is a reasonable limit for the steel tired wheels. Steel tires are not made for continuous hauling on concrete or gravel surfaces and will quickly show wear if they are so used.

Pole Stop Adjustments.

Pole stops can be set either for 38- or 42-inch wagon box use. Turn the pole stops with the short ends in for 38-inch box, and long ends in for 42-inch box.

SERVICING INSTRUCTIONS

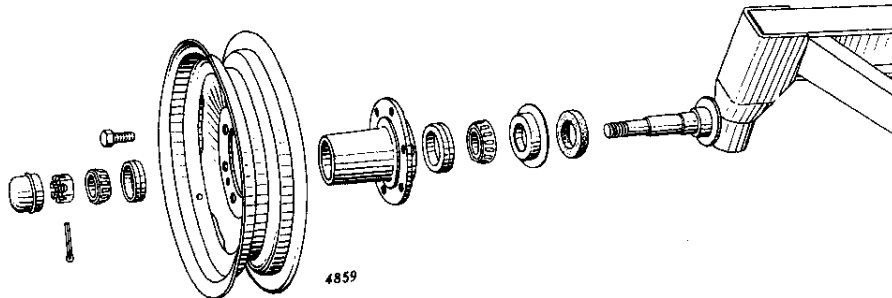


Figure 2—Exploded View of Wheel

Adjusting Wheel Bearings.

Wheels should be removed once or twice a year, depending upon how much the wagon is used. Remove hub cap, cotter, axle nut, outer bearing, and wheel. Remove grease seal and inner bearing from hub. Check bearings for cracks or breaks. If cracks or breaks appear, bearing should be replaced. All seals showing wear or dirt inclusions should be replaced. Clean wheel hub and bearing thoroughly with gasoline or kerosene and apply new grease (good grade automobile wheel bearing grease) to both. Replace grease seal and bearing in the hub. Install wheel and outer bearing. Screw slotted nut up snug, so wheel drags slightly; then turn nut back so cotter may be installed through next slot. Install cotter. Pack hub cap with good grade automobile front wheel bearing grease and install.

DISK WHEEL BOLTS MUST BE TIGHTENED AFTER THE TRAILER HAS BEEN IN USE A SHORT TIME AND SHOULD BE CHECKED PERIODICALLY THEREAFTER TO BE SURE THEY ARE TIGHT.

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