

6601 Combine



JOHN DEERE

OPERATORS MANUAL

6601
Combine

OMH100680 A8 English

Harvester Works
OMH100680 A8


LITHO IN U.S.A.
ENGLISH





To the Purchaser

This new combine was carefully designed and manufactured to give years of dependable service. To keep it running efficiently, read this operator's manual, which is divided into sections, for easy location of information. The Table of Contents explains where each section is located and the alphabetical index gives detailed listings.

 This safety alert symbol identifies 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.

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

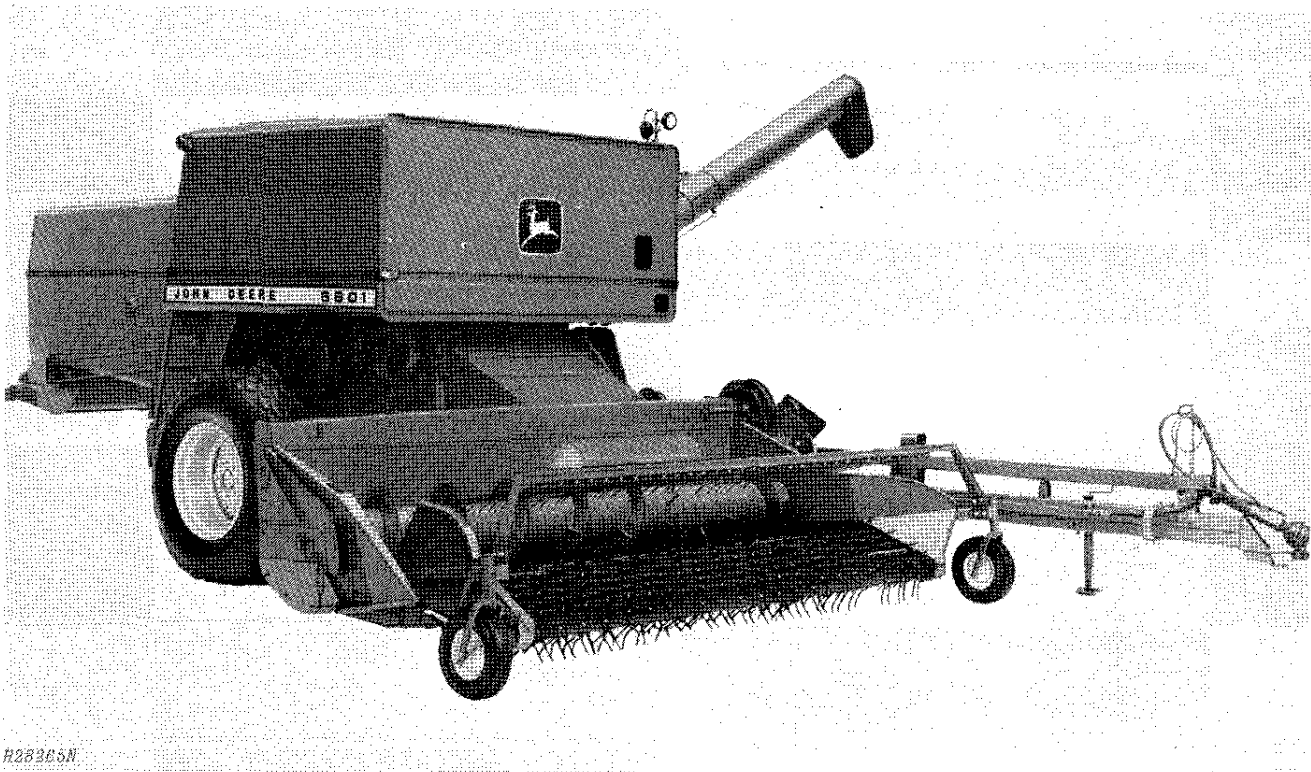
In addition to the equipment furnished with your combine, attachments are available to help you do a better job in special crop conditions. These are described in the attachments section of this manual and can be purchased from your John Deere dealer.

"Right-hand" and "left-hand" sides are determined by facing in the direction the combine will travel when in use.

Record your combine serial numbers in the space provided on page 84. Your dealer needs this information to give you prompt, efficient service when you order parts or attachments. If your combine requires replacement parts, go to your John Deere dealer where you can obtain Genuine John Deere parts—accept no substitutes.

The warranty on this combine 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.





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Safety Suggestions

The safety of the operator was one of the prime considerations in the minds of John Deere engineers when this combine was designed. Shielding, simple adjustments, and other safety features were built into the combine wherever possible.

Modifications to the machine may impair the function and or safety and affect machine life.

All machinery must be operated only by responsible persons who have been properly instructed and delegated to do so.

Only the operator can ride on the tractor when combining.

Shields and guards must be in place and in good condition before starting in the field.

Escaping fluid under pressure can have sufficient force to penetrate the skin, causing serious personal injury. Before disconnecting lines relieve all pressure. Before applying pressure to system, all connections must be tight and lines, pipes and hoses not damaged. Fluid escaping from a very small hole can be almost invisible. Use a piece of cardboard or wood, rather than hands, to search for suspected leaks.

Clothing worn by combine operator must be fairly tight and belted. Loose jackets, shirts, or sleeves should never be worn because of the danger of getting into moving parts.

Everyone must be clear of the combine and tractor before starting so they cannot be struck by moving parts or caught in a drive belt or chain.

Never clean, lubricate, or adjust the combine when it is running.

Be careful when operating on hillsides because the combine or tractor may tip sideways if it strikes a hole, ditch, or other irregularity.

Always keep the tractor in gear when going down hills.

Before leaving the combine unattended, support the cutting platform with either the hydraulic cylinder safety stop or with blocks, or lower it to ground level.

Never attempt to clear obstructions off the platform unless the PTO is disengaged and the tractor engine is shut off.

Maintain a fire extinguisher in an easily accessible location and be familiar with its correct use.

The gearshift lever of your tractor must be in neutral and the PTO lever disengaged before starting the tractor engine.

Tractor brakes must be properly adjusted.

2 Safety

Failure to follow proper procedures when mounting a tire on a wheel or rim can produce an explosion which may result in serious injury or death. Do not attempt to mount a tire unless you have the proper equipment and experience to perform the job. Have it done by your John Deere dealer or a qualified tire repair service.

When sealing tire beads on rims, never exceed 35 psi or maximum inflation pressures specified by tire manufacturers for mounting tires. Inflation beyond this maximum pressure may break the bead, or even the rim, with dangerous explosive force. If both beads are not seated when the maximum


recommended pressure is reached, deflate, reposition tire, relubricate bead, and reinflate.

Detailed agricultural tire mounting instructions, including necessary safety precautions, are contained in John Deere Fundamentals of Service (FOS) Manual 55, Tires and Tracks, available through your John Deere dealer. Such information is also available from the Rubber Manufacturers Association and from tire manufacturers.

Tow only with an agricultural tractor equipped with stationary drawbar.

Do not transport combine over 20 mph (32.2 km/h).

RECOMMENDED MAXIMUM TOWING SPEED

 **CAUTION:** To assure adequate braking performance and control during transport, do not exceed recommended maximum towing speed given in table below. When operating on slopes or less than optimum traction conditions, these towing speeds must be reduced. Always refer to this table before transporting combine.

TOTAL WEIGHT OF COMBINE WITH EMPTY GRAIN TANK AND ATTACHING EQUIPMENT			
Weight of Tractor	10,000 lbs. (4 536 kg)	16,000 lbs. (7 200 kg)	18,000 lbs. (8 100 kg)
0—3,300 lbs. (0-1 497 kg)	Do not tow	Do not tow	Do not tow
3,300-5,300 lbs. (1 497-2 404 kg)	10 mph (16.1 km/h)	Do not tow	Do not tow
5,300-6,000 lbs. (2 404-2 722 kg)	10 mph (16.1 km/h)	10 mph (16.1 km/h)	Do not tow
6,000-10,000 lbs. (2 722-4 536 kg)	10 mph (16.1 km/h)	10 mph (16.1 km/h)	10 mph (16.1 km/h)
10,000-16,000 lbs. (4 536-7 258 kg)	20 mph (32.2 km/h)	10 mph (16.1 km/h)	10 mph (16.1 km/h)
16,000-18,000 lbs. (7 258-8 100 kg)	20 mph (32.2 km/h)	20 mph (32.2 km/h)	10 mph (16.1 km/h)
18,000 lbs. (8 100 kg)—Up	20 mph (32.2 km/h)	20 mph (32.2 km/h)	20 mph (32.2 km/h)

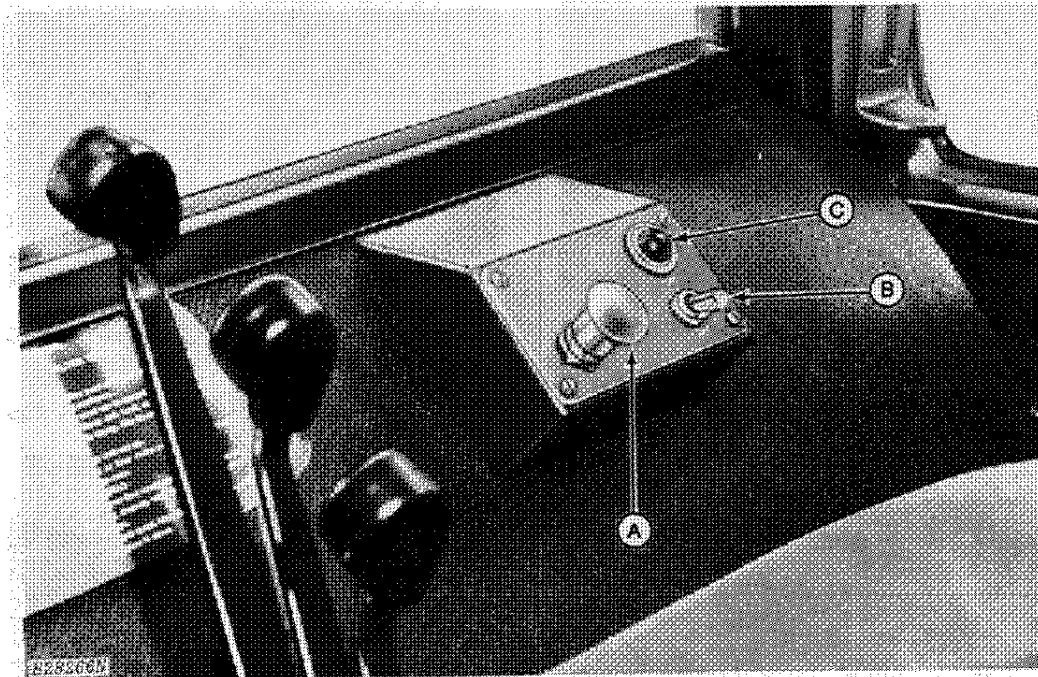


Controls and Instruments

This section illustrates all controls and instruments necessary for successful field operation. For an explanation of each control and instrument, refer to the page reference given.

Before attempting to operate your new combine, become familiar with the location and purpose of its controls and instruments. Study these pages carefully, regardless of your previous combine experience.

SWITCH BOX



- A—Platform Switch - Page 15
- B—Grain Tank Unloading Auger Switch - Page 17
- C—Grain Tank Unloading Auger Warning Light - Page 17

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