

25 COMBINE HEADER TRANSPORT FRAME



OPERATORS MANUAL 25 COMBINE HEADER TRANSPORT FRAME

OMH114145 C2 English

WELLAND WORKS
OMH114145 C2

LITHO IN THE U.S.A.
ENGLISH





Introduction



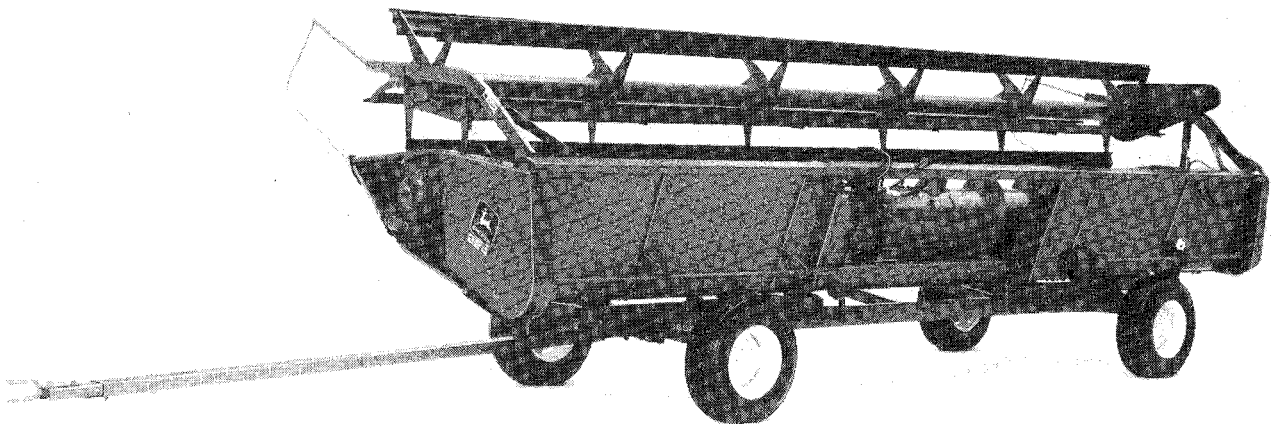
This safety alert symbol identifies important safety messages in this manual. When you see this symbol be alert to the possibility of personal injury and carefully read the message that follows.

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

The warranty appears on your copy of the purchase order which you should have received from your dealer.

Record your header transport serial number. Your dealer needs this information to give you prompt efficient service. The serial number plate is located on the front cross beam of frame.

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





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Safety



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Safety of the operator was one of the prime considerations in the minds of John Deere engineers when this combine header transport was designed. Simple adjustments and other safety features were built wherever possible. Modifications may impair the function and/or safety and affect machine life.

AVOID CONTACT WITH MOVING PARTS

Keep hands, feet and clothing away from moving parts.

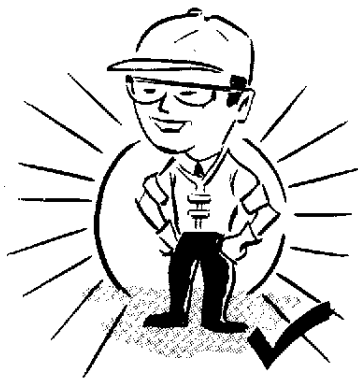
LEAVING COMBINE UNATTENDED

Before leaving combine unattended, turn off engine and remove keys. Support header with hydraulic cylinder safety stop if it is necessary to go under the header or feeder house. See the combine Operator's Manual for complete safety information.

OPERATE SAFELY



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Clothing worn by operator must be fairly tight and belted. Loose jackets, shirts, or sleeves must never be worn.

Any time work is being done under header, the hydraulic cylinder safety stop must be placed in the safety position.

Tow only with an agricultural tractor to assure adequate braking performance and control.

CAUTION: Never ride on tractor drawbar or wagon hitch.

When hitching header transport to towing vehicle, back the vehicle past clevis. Then move it slowly forward so that, in making connection, the vehicle will be moving away from you.

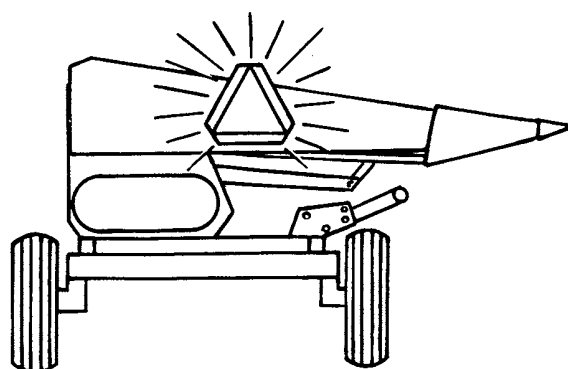
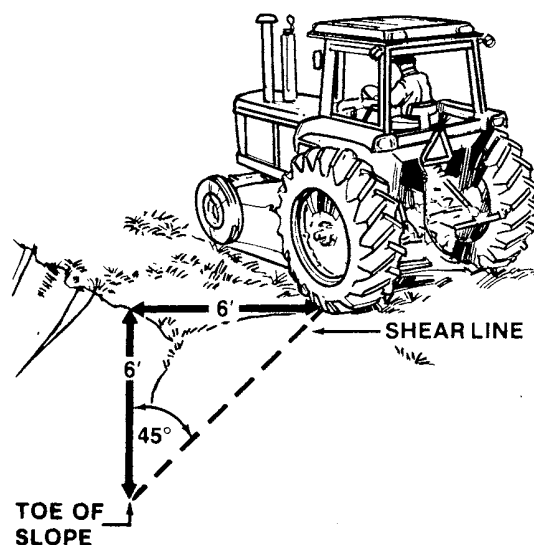
The rate of towing vehicle travel on hillsides and curves must always be slow enough so there is no danger of tipping or loss of control.

Never drive close to edge of a creek or ditch.

Always keep towing vehicle in gear when going down steep grades.

IMPORTANT: Towing speed with any vehicle is not to exceed 20 mph (32 km/h).

When pulling wagon on a road or highway at night or during the day, use accessory lights and devices (such as an SMV sign) for adequate warning to operators of other vehicles. In this regard, check local governmental regulations. Various safety lights and devices are available from your John Deere dealer.

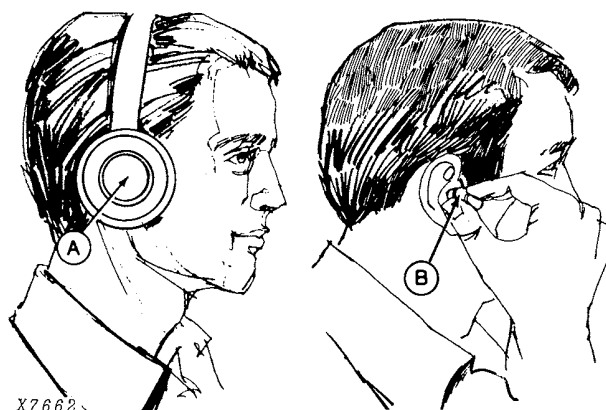


Protect Against Noise

Prolonged exposure to loud noise can cause impairment or loss of hearing.

Wear a suitable hearing protective device such as earmuffs (A) or earplugs (B) to protect against objectionable or uncomfortable loud noises.

A—Earmuffs
B—Earplugs





Operation

Load headers onto transport only with self-propelled combines.

IMPORTANT: Combine must be equipped with 24.5x32 or 30.5x32 drive tires. 6620 SideHill only with 23.1x26 or 28Lx26 drive tires.

The header transport is designed to carry only the following headers.

CORN HEADS (1979-) 444 through 1243

ROW CROP HEADS (1979-) 454A through 853A

CUTTING PLATFORMS (1979-) 218 through 230 rigid and flexible

All SideHill headers and platforms (1979-)

IMPORTANT: For 1243 Corn Head only, wagon must be equipped with 9.5Lx15 8 PR tires.

NOTE: Combine headers (-1979) can be modified in order that they may be carried on the header transport. Headers (-1979) must be modified. See your John Deere dealer.

LOADING

Loading Header on Transport

For ease of loading or unloading header, position combine and trailer on solid level ground. Always load the header from left-hand side of transport. When loading on soft ground it may be necessary to locate wagon in a slight depression (lower than surrounding ground) for additional clearance.

Checking Wagon Chassis

Refer to your wagon operator's manual for complete information.

Checking Wheel Bolts

Retorque wheel bolts to 130 ft-lbs (176 N·m) after header transport has been in use for a short time. Check wheel bolts periodically afterward.

ATTACHING TO TOWING VEHICLE

Towing Vehicle Drawbar

Before attaching wagon to any towing vehicle drawbar, the pin hole must be located close enough to rear of towing vehicle drawbar to allow wagon pole clevis to swing 90 degrees right or left of centerline without interference.

Adjustable Hitch Tube

To adjust tube length remove two cap screws and nuts. Shorten or lengthen to needed dimension then place cap screws back in holes and secure. Tube is adjustable from 147 inches (3 733 mm) to 206 inches (5 232 mm).



CAUTION: Be sure hardware passes through the spacer positioned between inner and outer hitch tube.

NOTE: Hitch tube must be adjusted so there is sufficient clearance between the rear of the towing vehicle and the header mounted on the wagon.

Hitch Pin

Use TY-4013 Hitch Pin for connecting towing vehicle to hitch. Large bolts with nuts or other types of pins can vibrate loose and fall out.

TOWING

Towing Vehicle

The header transport is designed to be pulled by an agricultural tractor.

Towing Speed

IMPORTANT: Towing speed with any vehicle is not to exceed 20 mph (32 km/h).

Towing on Uneven Ground

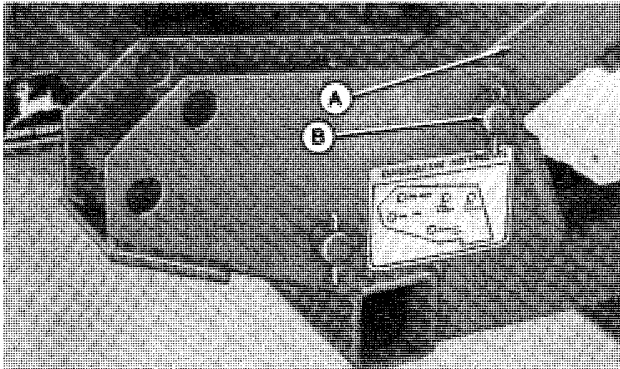
When towing over swails the transport hitch tube must not strike header or damage can occur.

Tractor Ballast

Refer to your tractor operator's manual for correct amount of weights or ballast to be used with towed vehicles.

LOADING CUTTING PLATFORMS

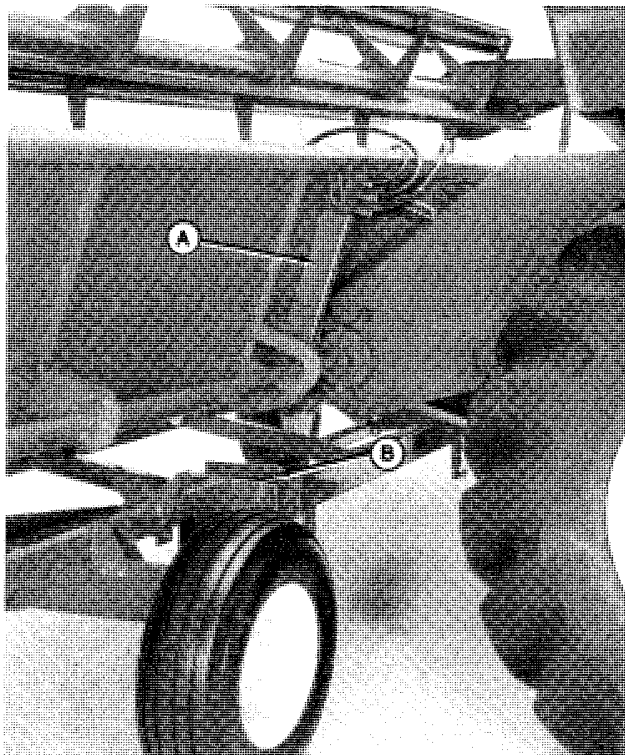
Refer to your combine header operator's manual for complete information for attaching and detaching cutting platform from combine.



(Support Bar Adjusted For a Rigid Platform)

IMPORTANT: For ease of loading or unloading header, position combine and trailer on solid ground. If you are on soft ground, position trailer in a depression or ditch for additional clearance.

1. Position support bar (A) as shown for rigid platforms. For flex platforms, position support bar on top of (not through) the five drilled pins (B).
2. After placing support bar (A) in the desired position, be certain to install all five drilled pins (B) and cotter pins.



Aligning Platform to Transport Frame

3. As the platform is loaded on the transport, the combine operator must align left-hand upright (A) of feeder house opening in platform with front pocket (B) in header wagon frame.

IMPORTANT: Header left-hand upright must be placed in wagon front pocket for correct alignment. When front pocket is aligned rear pocket is also aligned.

A—Left-Hand Upright
B—Front Pocket



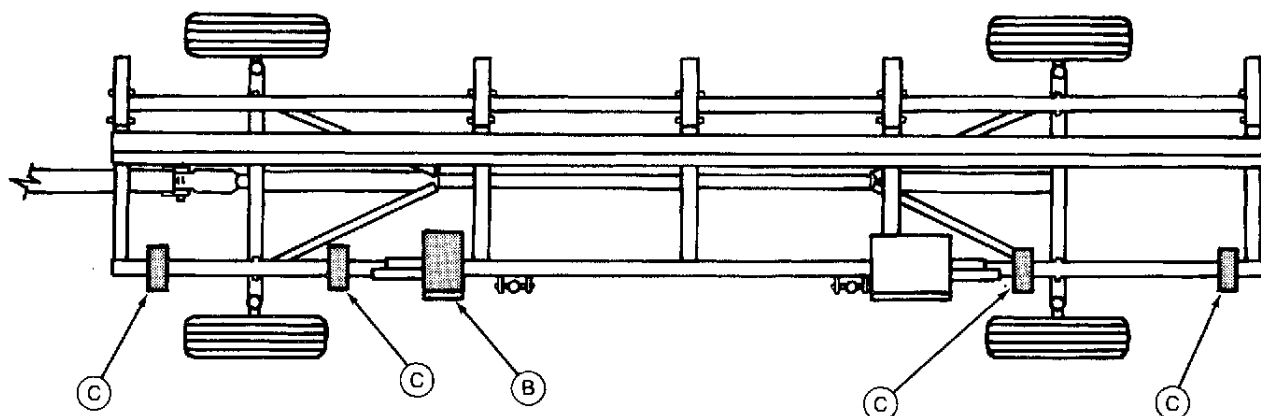
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Platform Saddle Locations



Beginning Positions of Adjustable Saddles



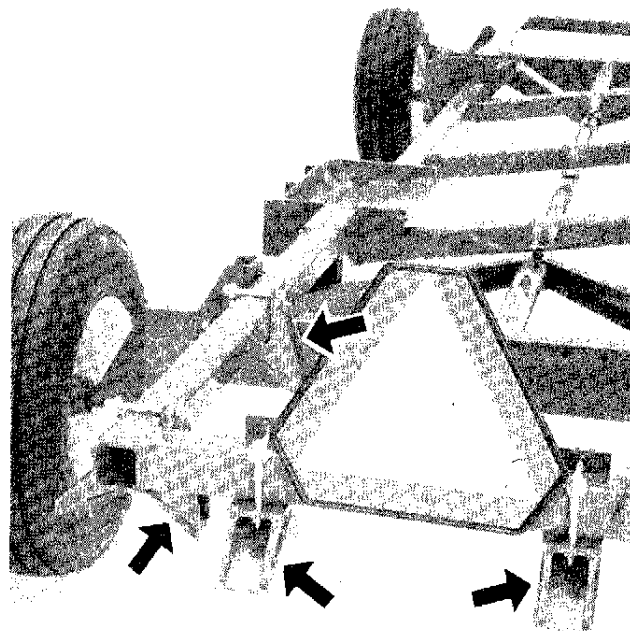
CAUTION: Place feeder house safety stop in safety position before adjusting saddles on wagon.

B—Front Pocket
C—Adjustable Saddles

1. Move and then secure adjustable saddles to clear tilt channels and wagon tires.
2. Lower platform down on saddles.

Platform Saddle Storage

1. When Header Transport is to be used for Row-Crop Head or Corn Head the platform adjustable saddles must be placed in storage position.
2. Remove cap screw from eyebolt and saddle.
3. Remove saddle.
4. Place saddle upside down (shown with bold arrows) and secure with cap screw removed in step 2.
5. Repeat steps 2 through 4 on three remaining saddles.



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