

25 COMBINE HEADER TRANSPORT FRAME



OPERATORS MANUAL 25 COMBINE HEADER TRANSPORT FRAME

OMH120058 B5 English

JOHN DEERE WELLAND WORKS
OMH120058 B5

LITHO IN THE U.S.A.
ENGLISH



Introduction

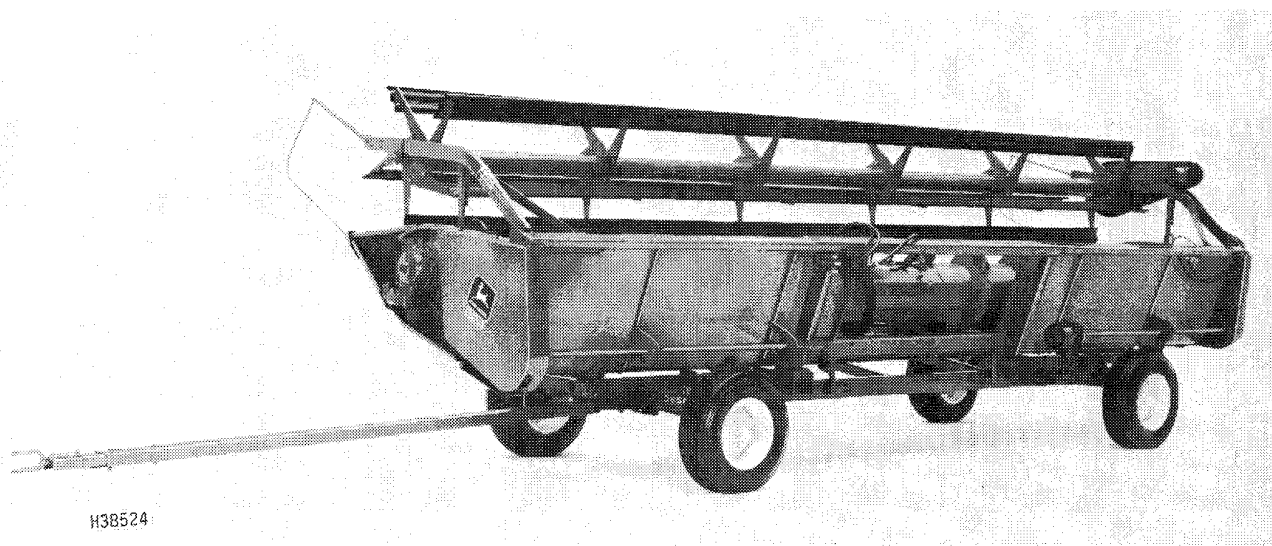
 This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

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

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

Record the identification number(s) in the space provided following Specifications. Accurately record all of the characters because (should the product be stolen) tracing is sometimes through a computer match of letters and numbers. Also, your dealer needs this information when ordering parts. If you carry your operator's manual on the machine for reference, be sure to also record the identification number(s) on a separate sheet of paper and file it in a secure place not on the machine so you will still have a record in case the machine is stolen.

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



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Safety

READ SAFETY SIGNS CAREFULLY

Carefully read and follow all **CAUTION** and **WARNING** safety signs.

Keep safety signs in good condition. Replace missing or damaged safety signs.

H01;25HC F 110285

UNAUTHORIZED MODIFICATIONS

Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.

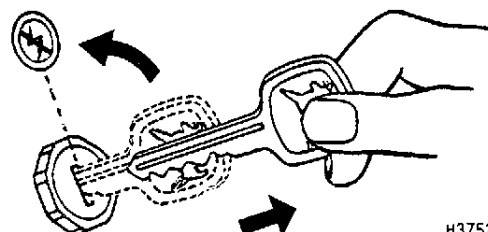


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LEAVING COMBINE UNATTENDED

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.



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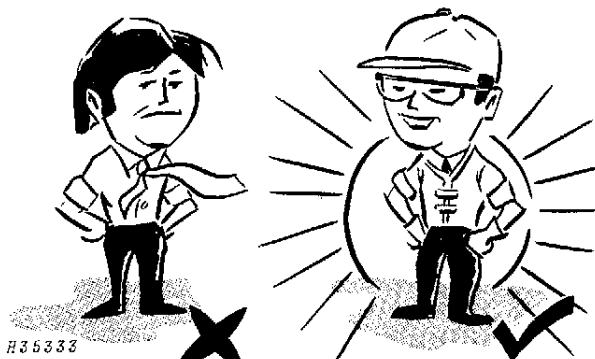
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OPERATE SAFELY

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.

Keep hands, feet and clothing away from moving parts.

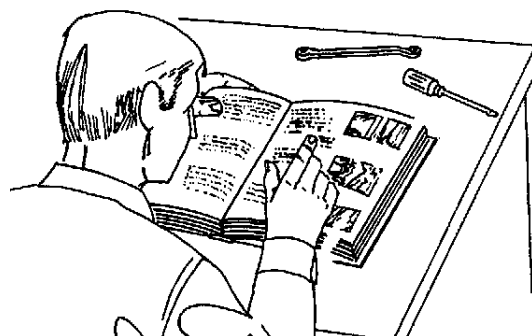


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READ OPERATOR'S MANUAL

DO NOT operate machine without reading this operator's manual.



746/N35538 N01/7440 SAA 111182

IDENTIFY SIGNAL WORDS IN THIS MANUAL

"CAUTIONS" are identified by bold type, and indicate there is a possibility of injury to you or other people.

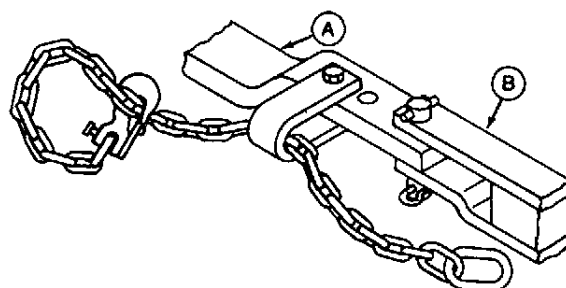
"IMPORTANTS" are also identified by bold type, and indicate there is a possibility of damage to the machine.

"NOTES" are identified by italics. They provide additional information that is an exception to a previous statement or is not directly related to the original subject.

8A7; N01;250C F 121283

USE A SAFETY CHAIN

A safety chain will help control drawn equipment (B) should it accidentally separate from the drawbar (A) while transporting. Using the appropriate adapter parts, attach the chain to the tractor drawbar support or other specified anchor location. Provide only enough slack in the chain to permit turning. See your John Deere dealer for a chain with a strength rating equal to or greater than the gross weight of the towed machine.

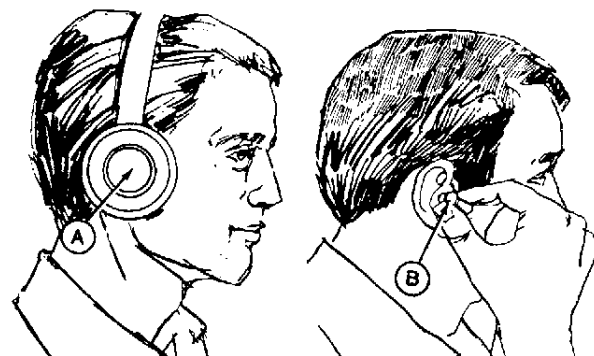


AB6/TS163 053/CHAIN 310884

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 uncomfortable loud noises.



AB6/X7662 053/NOISE 150584

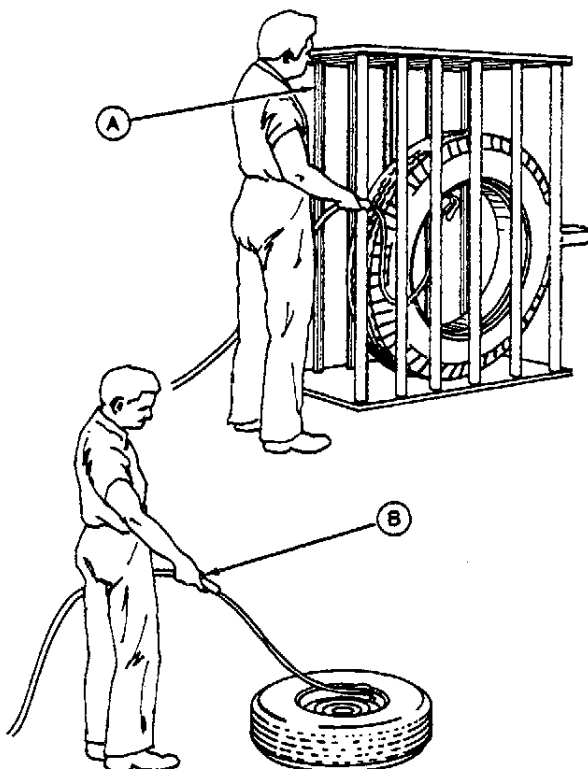
SERVICE TIRES SAFELY

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 (241 kPa) (2.4 bar) 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 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.

- A—Use a Safety Cage if Available.
B—Do Not Stand Over Tire. Use a Clip-on Chuck and Extension Hose.

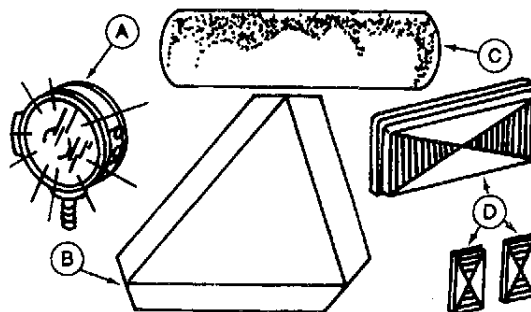


AB6;IS0123 053;TIRE 100584

USE SAFETY LIGHTS AND DEVICES

When transporting the equipment on a road or highway at night or during the day, use accessory lights (A), SMV emblems (B), reflector tape (C), or reflectors (D), 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.

- A—Lights
B—SMV Emblem
C—Reflective Tape
D—Reflectors



AA7;N36564 E05;1424SA 1 270782

TOW SAFELY

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

CAUTION: Never ride on tractor drawbar or wagon hitch.

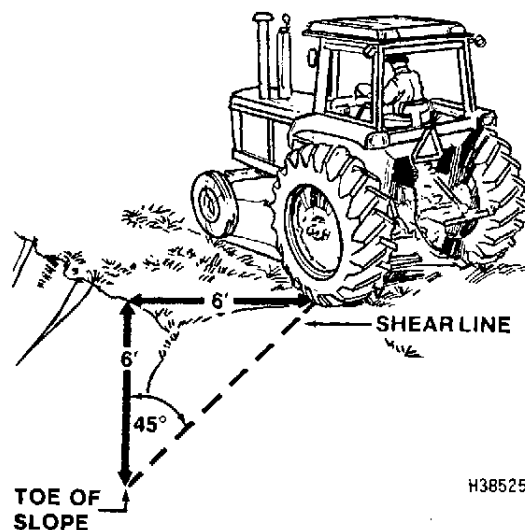
When hitching header transport to towing vehicle, back the vehicle past clevis. Then move it slowly forward so that, in making connection, the vehicle will be moving away from you.

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.

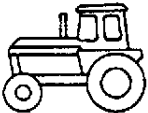
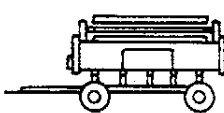
Always keep towing vehicle in gear when going down steep grades.

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

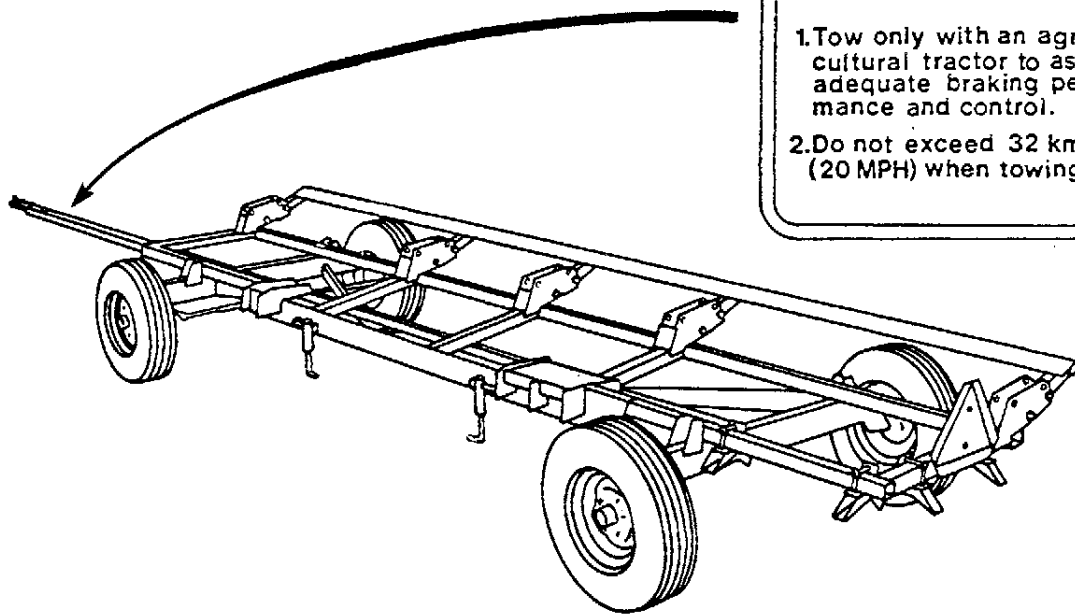


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RECOMMENDED MAXIMUM TOWING WEIGHT/SPEED AT 20MPH (32 Km/h)**COMBINED HEADER AND TRAILER WEIGHT**

GROSS TOWING TRACTOR WEIGHT 	200 SERIES PLATFORMS 	40 SERIES CORN HEADS 	50 and 50A SERIES ROW-CROP HEADS 
0 TO 3000 lbs (1362 Kg)	DO NOT TOW	DO NOT TOW	DO NOT TOW
3001 lbs TO 4000 lbs (1363 Kg) TO (1816 Kg)	DO NOT TOW	DO NOT TOW	DO NOT TOW
4001 lbs TO 5000 lbs (1817 Kg) TO (2270 Kg)	TOW 218,220 DO NOT TOW 222,224,230	TOW 444,546 DO NOT TOW 643,644,645, 843,844,1243	TOW 454A DO NOT TOW 653A,654A, 655A,853A,854A,1253A
5001 lbs TO 6000 lbs (2271 Kg) TO (2724 Kg)	TOW 218,220,222,224,230	TOW 444,546,643,644,645 DO NOT TOW 843,844,1243	TOW 454A,653A DO NOT TOW 654A,655A 853A,854A,1253A
6001 lbs TO 7000 lbs (2725 Kg) TO (3178 Kg)	TOW 218,220,222,224,230	TOW 444,546,643,644,645, 843 DO NOT TOW 844,1243	TOW 454A,653A,654A,655A, 853A DO NOT TOW 854A,1253A
7001 lbs TO 8000 lbs (3179 Kg) TO (3632 Kg)	TOW 218,220,222,224,230	TOW 444,546,643,644,645, 843,844 DO NOT TOW 1243	TOW 454A,653A,654A,655A, 853A,854A DO NOT TOW 1253A
8001 lbs TO 9000 lbs (3633 Kg) TO (4086 Kg)	TOW 218,220,222,224,230	TOW 444,546,643,644,645, 843,844,1243	TOW 454A,653A,654A,655A, 853A, 854A DO NOT TOW 1253A
9001 lbs TO 10,000 lbs (4087 Kg) TO (4540 Kg)	TOW 218,220,222,224,230	TOW 444,546,643,644,645, 843,844,1243	TOW 454A,653A,654A,655A, 853A, 854A,1253A
10,001 lbs TO 11,000 lbs (4541 Kg) TO (4994 Kg)	TOW 218,220,222,224,230	TOW 444,546,643,644,645, 843,844,1243	TOW 454A,653A,654A,655A, 853A, 854A,1253A
11,001 lbs UP (4995 Kg)	TOW 218,220,222,224,230	TOW 444,546,643,644,645, 843,844,1243	TOW 454A,653A,654A,655A, 853A, 854A,1253A

Safety Decal Location



CAUTION

1. Tow only with an agricultural tractor to assure adequate braking performance and control.
2. Do not exceed 32 km/h (20 MPH) when towing.

H38527

4KA/H38527 H01;;25HD A 080185

Attaching and Detaching

ATTACHING TOWING VEHICLE DRAWBAR

Before attaching transport 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.

H01;;25HE A 080185

ADJUSTING HITCH TUBE



CAUTION: Hardware must pass through the spacer positioned between inner and outer 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 in. (3 733 mm) to 206 in. (5 232 mm).

IMPORTANT: Hitch tube must be adjusted so there is clearance between rear of the towing vehicle and header mounted on the transport. When turning, the header must not hit the towing vehicle.

H01;;25HE B 080185

ATTACHING 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.

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Loading

COMBINE AND WAGON RUNNING GEAR TIRE REQUIREMENTS

Load headers onto transport only with self-propelled combines.

IMPORTANT: 6620, 7720, or 8820 Combines must be equipped with 24.5x32, 30.5x32, 73x44.00 or 18.4-38 dual drive tires.

The transport is designed to carry only the following headers.

CORN HEADS (390601-) 444 through 1243
ROW-CROP HEADS (390601-) 454A through 1253A

CUTTING PLATFORMS (365601-) 218 through 230 rigid and flexible

All SideHill headers and platforms (see above serial numbers).

IMPORTANT: To transport 1243 Corn Head and 1253A Row-Crop Head, wagon must be equipped with 9.5Lx15 8 PR tires.

IMPORTANT: Combine headers prior to above serial numbers must be modified so they can be carried on the header transport. Quik-Tach locks must be added so trailer tie down can be used. See your John Deere dealer.

H01;;25HP A 080185

LOADING PROCEDURES

For ease of loading or unloading header, position combine and transport 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 transport in a slight depression (lower than surrounding ground) for additional clearance.

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

Retorque wheel bolts to 130 lb-ft (176 N·m) after transport has been in use for a short time. Check wheel bolts on wagon running gear periodically.

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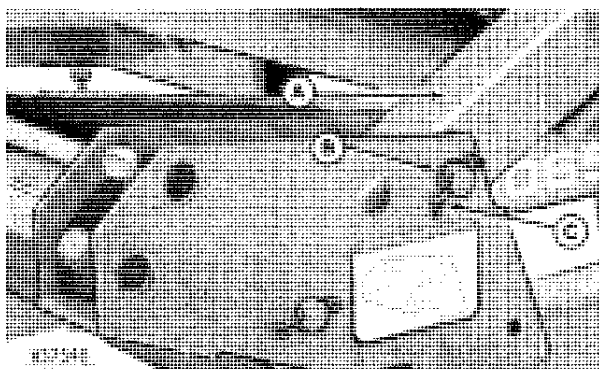
LOADING CUTTING PLATFORMS

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

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

1. If support bar (A) is not in correct position remove five cotter pins and five drilled pins.
2. Place support bar (A) as shown for rigid platforms.
3. After placing support bar (A) in the rigid platform position, install all five drilled pins (B) and cotter pins (C).

A—Support Bar
B—Drilled Pins (5)
C—Cotter Pins (5)



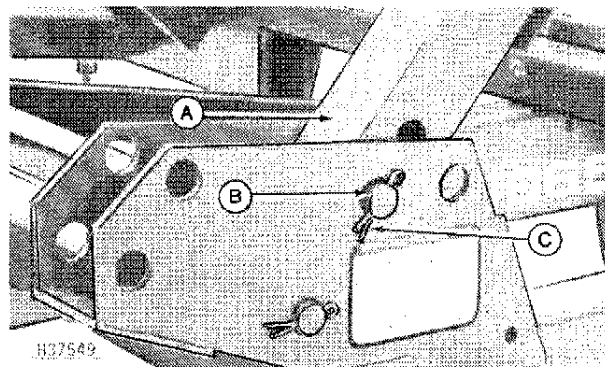
(Support Bar Adjusted For a Rigid Platform)

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4. Place support bar (A) as shown for flex platforms.
5. After placing support bar (A) in the flex platform position, install all five drilled pins (B) and cotter pins (C).

A—Support Bar
B—Drilled Pins (5)
C—Cotter Pins (5)

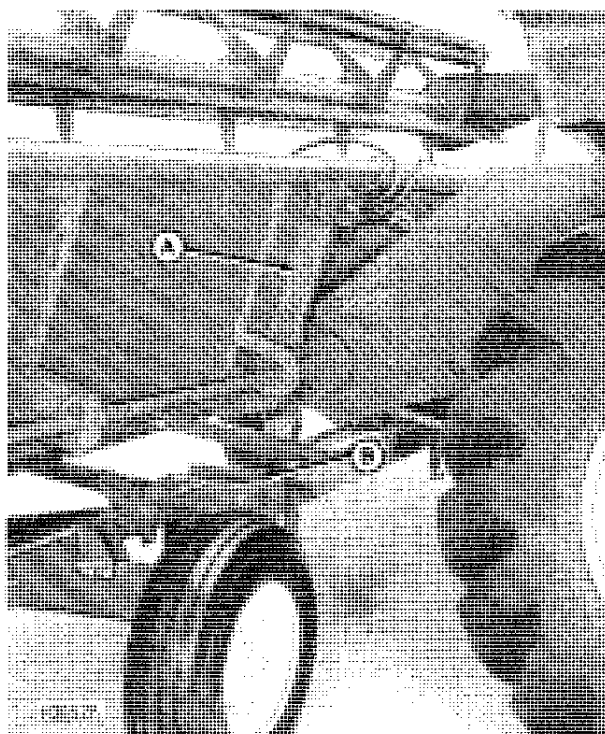
(Support Bar Adjusted For a Flex Platform)



6. 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 drive.

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





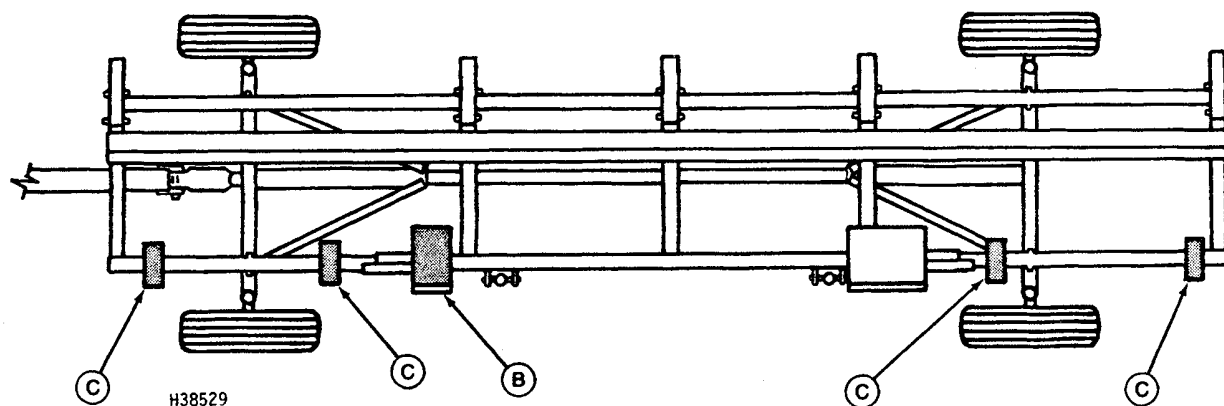
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PLATFORM SADDLE LOCATIONS



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

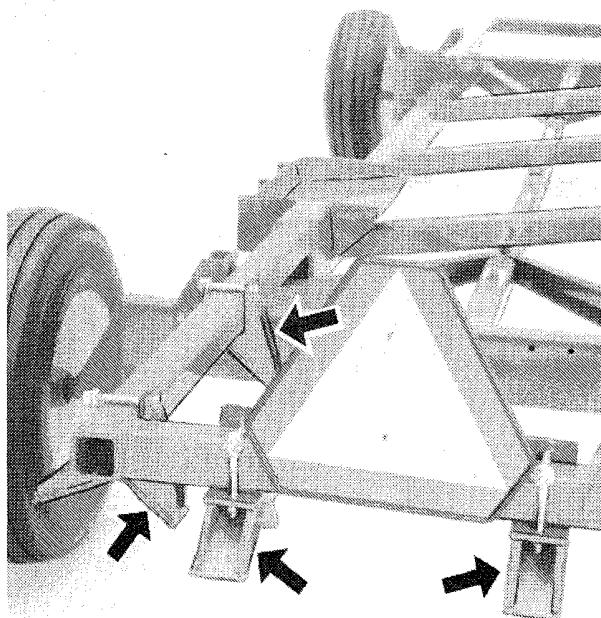
1. Move and then secure adjustable saddles to clear tilt channels and wagon tires.
2. Lower platform down on saddles.

B—Front Pocket
C—Adjustable Saddles

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PLATFORM SADDLE STORAGE

1. When 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.



H38530

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