

200 SERIES CUTTING PLATFORMS



OPERATORS MANUAL 200 SERIES CUTTING PLATFORMS

OMH114167 I2 English

HARVESTER WORKS
OMH114167 I2

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.

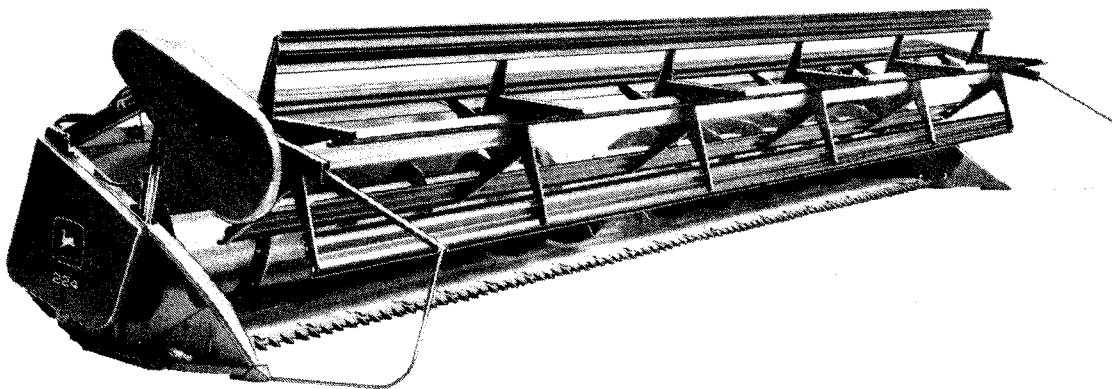
Your operator's manual contains SI metric equivalents which follow immediately after the U.S. customary units of measure.

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

Record your platform serial number in the space provided on page 74.

The warranty on this platform 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 provided 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.



SM3735

224R

224 Rigid Cutterbar Platform with bat reel



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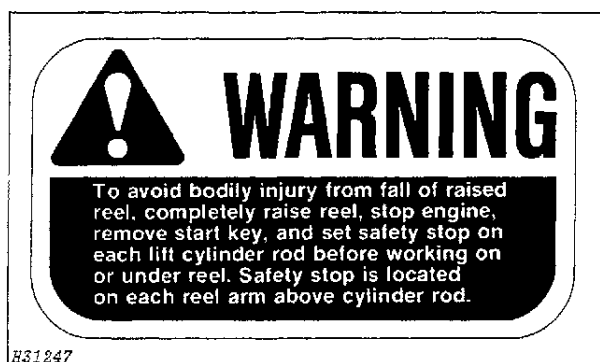


Safety



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

SAFETY DECALS



H31247

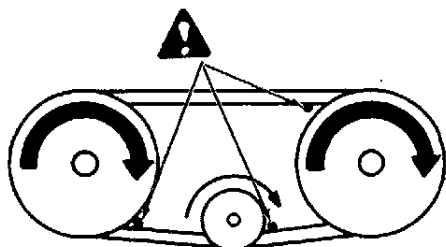


CAUTION OR WARNING: Decals with these headings and symbol indicate the possibility of personal injury.

IMPORTANT: Decals with this heading indicate the possibility of damage to the machine.

Decals are located in areas where they apply.

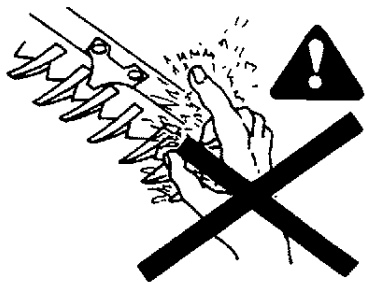
AVOID CONTACT WITH MOVING PARTS



H36880

Keep hands, feet, and clothing away from powerdriven parts.

Never clean, lubricate, or adjust platform when it is running.



H36885

Never attempt to clear obstructions off cutting platform unless separator is disengaged and engine is shut off.

Everyone must be clear before starting engine or running combine.

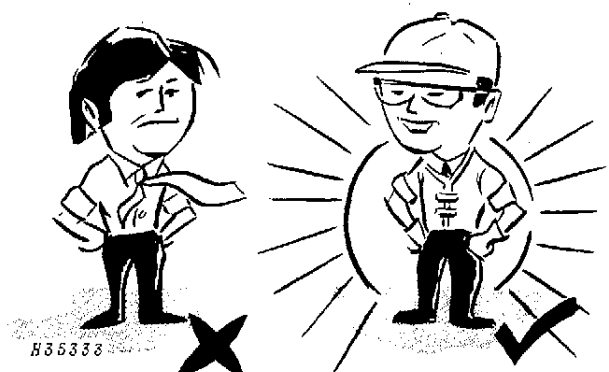
LEAVING COMBINE UNATTENDED

Before leaving the combine unattended, turn off engine and remove keys. Support the platform with the hydraulic cylinder safety stop or lower it to the ground. Place the gearshift lever in neutral and engage the parking brake. Lock cab doors on 6620, SideHill 6620, 7720, and 8820 Combines.

OPERATE SAFELY

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

Anytime work is being done under reel or platform, the hydraulic cylinder safety stops must be placed in the safety position. Refer to page 62.



H35333

AVOID HIGH PRESSURE FLUIDS

Escaping fluid under pressure can penetrate the skin causing serious injury. Relieve pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure. Keep hands and body away from pin holes and nozzles which eject fluids under high pressure. Use a piece of cardboard or paper to search for leaks. Do not use your hand.

If ANY fluid is injected into the skin, it must be surgically removed within a few hours by a doctor familiar with this type injury or gangrene may result.

Cracking hydraulic line fittings to lower feeder house will result in an instantaneous dropping of feeder house or feeder house and header.

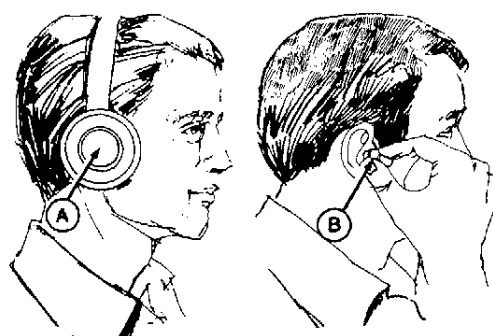


X9B11

PROTECT AGAINST NOISE

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

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



A—Earmuffs
B—Earplugs

X7662

TRANSPORTING

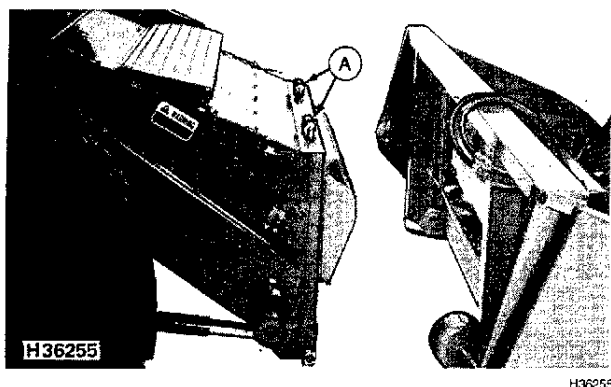
Check local width laws before transporting.

It is not recommended to transport on road with 230 Platform attached to combine. It is recommended that you use a Model 25 Transport Frame for the 200 Series Platform.



Attaching and Detaching

ATTACHING PLATFORM TO 3300, 4400 (-350000), 6600 AND 7700 COMBINES

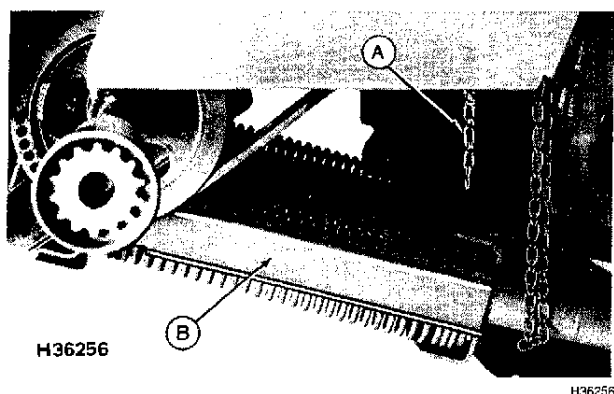


1. Start engine and lower feeder house.

NOTE: Reduce variable speed feeder house to its slowest R.P.M.

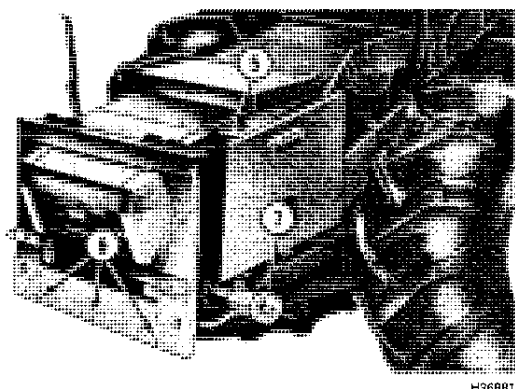
2. Move combine slowly forward until feeder house is centered in platform opening. Raise feeder house, lifting platform all the way up. Shut off engine.
3. Pivot blocks (A) on feeder house must be properly seated in pocket under top beam of header.

A—Pivot Blocks



4. Disconnect chain (A) and lower hydraulic cylinder safety stop (B) on lift cylinder.
5. Connect automatic header height control connectors, if so equipped (left-hand front of feeder house).

A—Support Chain
B—Safety Stop



6. Secure platform to feeder house with three 5/8 x 1-1/2-inch round head bolts and 21/32 x 2 x .250-inch flat washers in bottom holes.
7. Place roller chain around sprockets, slide coupler over sprockets and chain. Position shield over coupler. Repeat procedure on other side.
8. Connect hoses for hydraulic reel lift and reel drive at couplers under operator's platform.
9. To prevent damage to variable speed feeder house hoses when disconnected, route hoses down between feeder house and variable-belt-drive and secure with clamps. Do not connect hoses together.

DETACHING PLATFORM FROM 3300, 4400 (-350000), 6600 AND 7700 COMBINES

1. Disconnect hoses for hydraulic reel lift and reel drive at couplers under operator's platform.

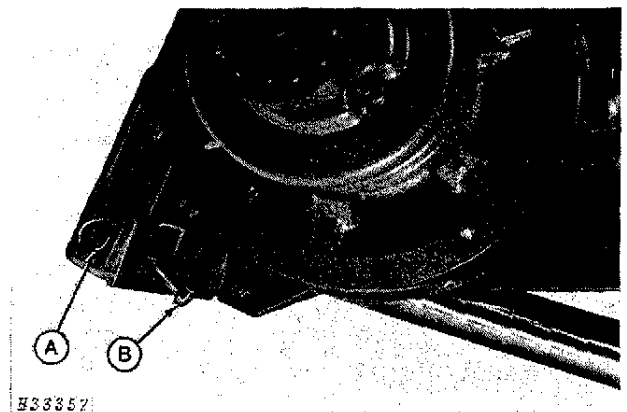
IMPORTANT: To prevent damage to hydraulic system connect reel drive hoses together under operator's platform. These hoses stay with combine.

2. Start engine and raise platform all the way up. Shut off engine.
3. Disconnect chain and lower hydraulic cylinder safety stop on lift cylinder.
4. Slide coupler off sprockets and chain, and remove coupler chain. Repeat procedure on other side. Also disconnect automatic header height control, if so equipped.
5. Remove three round head bolts and flat washers.
6. Raise hydraulic cylinder safety stop and hook chain.
7. Start engine and lower feeder house until platform is on the ground and attaching blocks are free.
8. Move combine slowly rearward until feeder house is clear of platform.

ATTACHING PLATFORM TO 4400 (350001-), 4420, 6620, 7720 AND 8820 COMBINES

IMPORTANT: Lock pin (A) (both sides) must be positioned in before attaching header. Position pin by sliding stop bolt (B) in and then pivoting it down. If pins are left in the out position, feeder house will be damaged when header is attached.

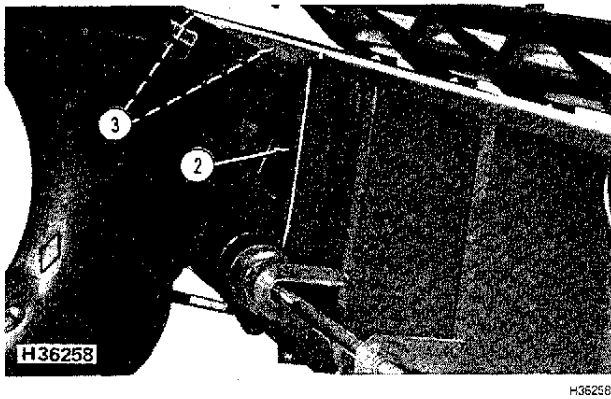
A—Lock Pin
B—Stop Bolt



Illustrated on 7720 Combine

Continued on next page.

6 Attaching and Detaching



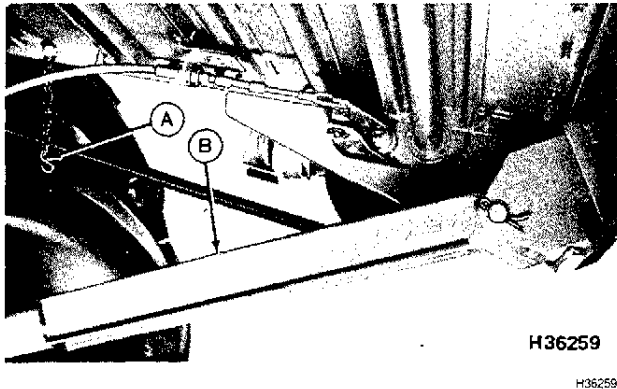
NOTE: With all 8820 Combines, the telescoping coupler is shipped with the feeder house and must be installed on the left-hand platform drive shaft.

A coupler sprocket must be installed on the left-hand platform drive shaft of a 230 platform that is to be run on a 7720. See your John Deere dealer.

1. Start engine and lower feeder house.

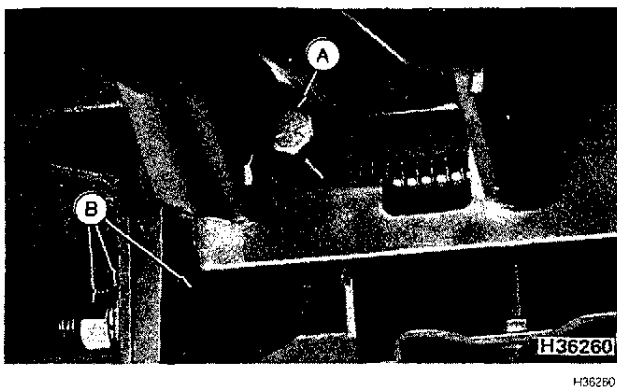
NOTE: Reduce variable speed feeder house to its slowest RPM.

2. Move combine slowly forward until feeder house is centered in platform opening. Raise feeder house, lifting platform, all the way up. Shut off engine.
3. Pivot blocks on feeder house must be properly seated in pocket under top beam of header.



4. Disconnect chain (A) and lower hydraulic cylinder safety stop (B) on lift cylinder.

A—Support Chain
B—Safety Stop



5. Slide and pivot stop bolt (A) up, and out to lock pin into header. Repeat procedure for other side.

NOTE: Loosen mating lock plate (B) on platform to let lock pin lock and center into platform. Torque nut on lock plate (B) to 170 ft-lbs (231 N·m). Repeat procedure on other side.

6. Place roller chain around sprockets, and slide coupler over sprockets and chain. Repeat procedure for other side.

A—Stop Bolt
B—Lock Plate

7. Connect hoses for hydraulic reel lift and reel drive at couplers under operator's platform.
8. Connect automatic header height control harness if so equipped.
9. To prevent damage to variable speed feeder house hose when it is disconnected, route hose down between feeder house and variable-belt-drive and secure with clamp.

NOTE: On 4400 and 4420 Combines there will be two hoses on variable speed feeder house.

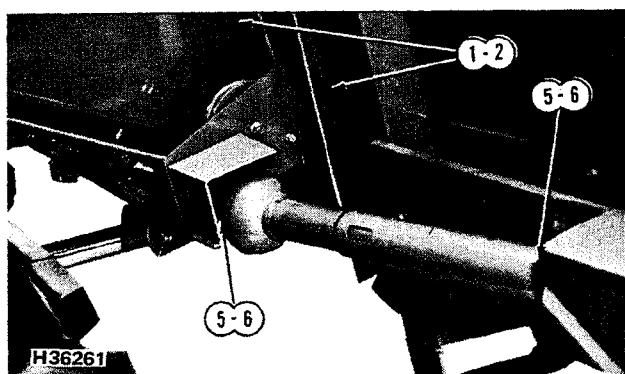
DETACHING PLATFORM FROM 4400 (350001-6620, 7720 and 8820 COMBINES), 4420,

1. Disconnect hoses for hydraulic reel lift and reel drive at couplers under operator's platform.

IMPORTANT: To prevent damage to hydraulic system connect reel drive hoses together under operator's platform. These hoses stay with combine.

2. To prevent damage to variable speed feeder house hose (if so equipped) when it is disconnected, route hose down between feeder house and variable-belt-drive and secure with clamp.
3. Start engine and raise platform all the way up. Shut off engine.
4. Disconnect chain and lower hydraulic cylinder safety stop on lift cylinder.
5. Slide coupler off sprockets and chain and remove coupler chain. Repeat procedure on other side. Also disconnect automatic header height control (if so equipped).
6. Slide and pivot stop bolt (A) in and down to unlock pin from platform. Repeat procedure on other side.
7. Raise hydraulic cylinder safety stop and hook chain.
8. Start engine and lower feeder house until platform is on the ground and attaching blocks are free.
9. Move combine slowly rearward until feeder house is clear of the platform.

ATTACHING PLATFORM TO SIDEHILL 6600 AND SIDEHILL 6620 (-358900)

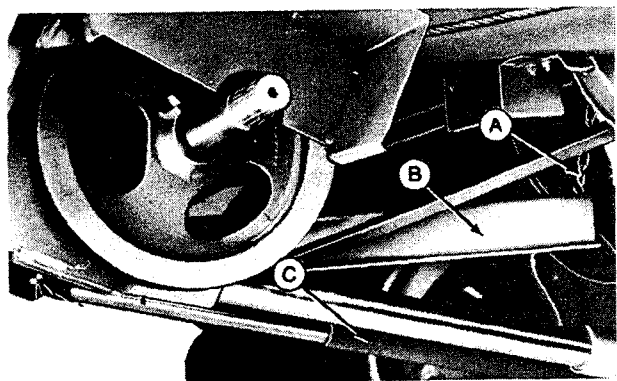


1. Start engine and lower feeder house.

NOTE: Reduce variable speed feeder house to its slowest R.P.M.

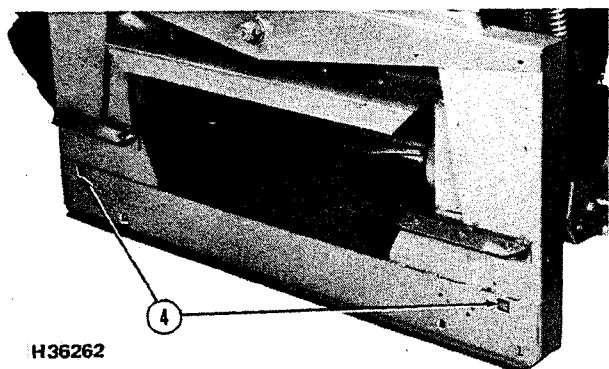
2. Move combine slowly forward until feeder house is centered in platform opening. Raise feeder house, lifting platform, all the way up. Shut off engine.

IMPORTANT: Pivot blocks on feeder house must be properly seated in pocket under top beam of header.



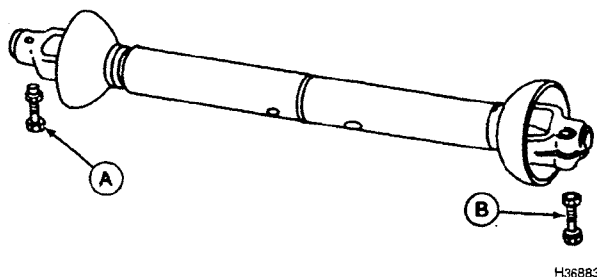
3. Disconnect chain (A) and lower hydraulic cylinder safety stop (B) on lift cylinder (C).

A—Support Chain
B—Safety Stop
C—Lift Cylinder



Feeder House Lower Attaching Plate Bolt Locations

4. Secure platform to feeder house with two 5/8 x 1-1/2-inch round head bolts and 21/32 x 2 x .250-inch flat washers.



5. (Both Sides) Install telescoping drive shaft between platform and feeder house by securing 5/16 x 2-1/2-inch cap screw (A) through platform shaft.
6. (Both Sides) Take other end of telescoping drive shaft and secure it on feeder house drive shaft with 1/2 x 3-inch cap screw (B). (This clamps yoke to shaft.) Also connect automatic header height control harness if so equipped.
7. Connect hoses for hydraulic reel lift and reel drive at couplers under operator's platform.
8. To prevent damage to variable speed feeder house hoses when disconnected, route hoses down between feeder house and variable-belt-drive and secure with clamps. Do not connect hoses together.

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