

# 200 Series Cutting Platforms



JOHN DEERE

## OPERATORS MANUAL

### 200 Series Cutting Platforms

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LITHO IN 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.

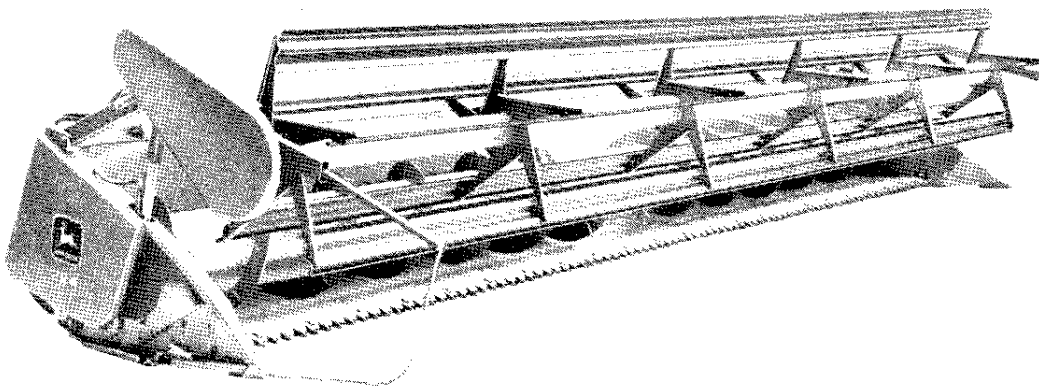
Your operator's manual contains SI metric equivalents which follow immediately after the U.S. customary units of measure.

"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 76.

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.



*224 Rigid Cutterbar Platform with bat reel*



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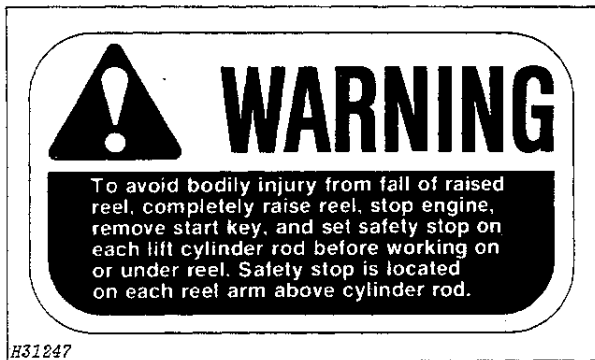


# Safety

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- !** Safety of the operator was one of the prime considerations in the minds of John Deere engineers when this platform was designed. Shielding, simple adjustments, and other safety features were built into the platform wherever possible. Modifications to the machine may impair the function and or safety and affect machine life.

## SAFETY DECALS



- !** **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

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

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

Never attempt to clear obstructions off the platform unless the combine engine is shut off.

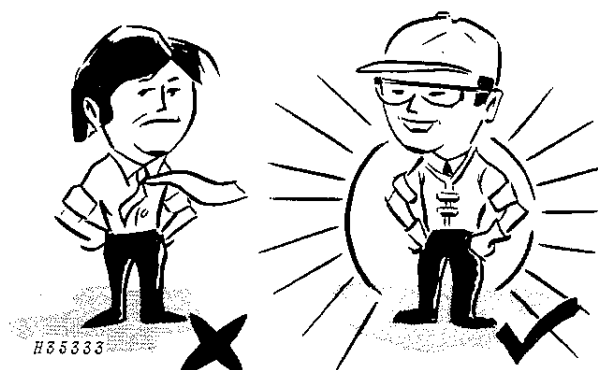
## LEAVING COMBINE UNATTENDED

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, SideHill6620, 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 63.

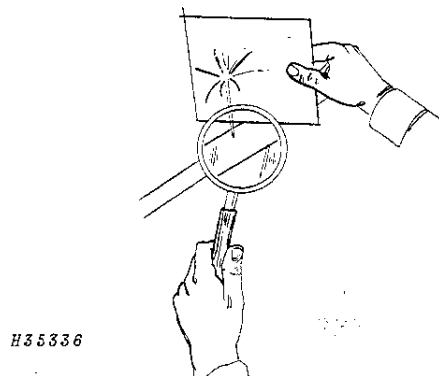


## AVOID HIGH PRESSURE LEAKS

Escaping hydraulic fluid under pressure can have sufficient force to penetrate the skin, causing serious injury. Before applying pressure to the system, all connections must be tight and lines, pipes, and hoses must be in good condition.

Fluid escaping from a very small hole can be almost invisible. Use a piece of cardboard or wood, rather than your hands, to search for suspected leaks.

If injured by escaping fluid, see a doctor at once. Serious infection or reaction can develop if proper medical treatment is not administered immediately.



## 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.



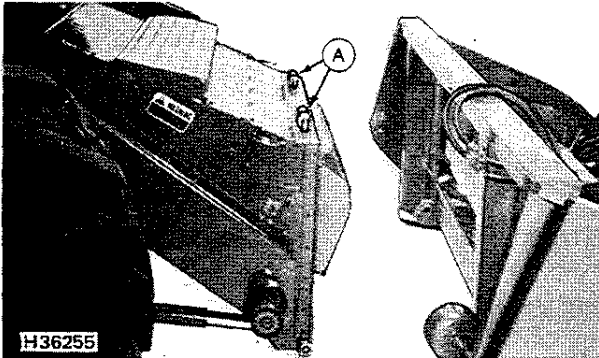
A—Earmuffs  
B—Earplugs

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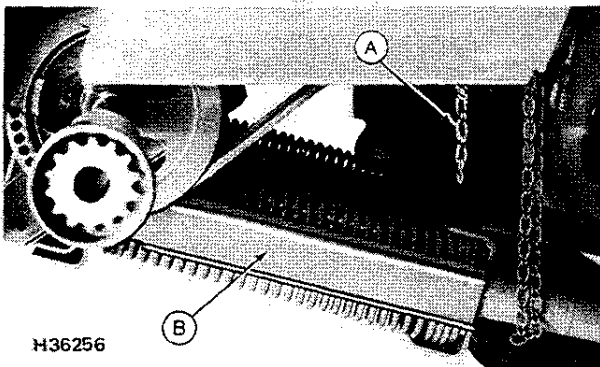
# Attaching and Detaching

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



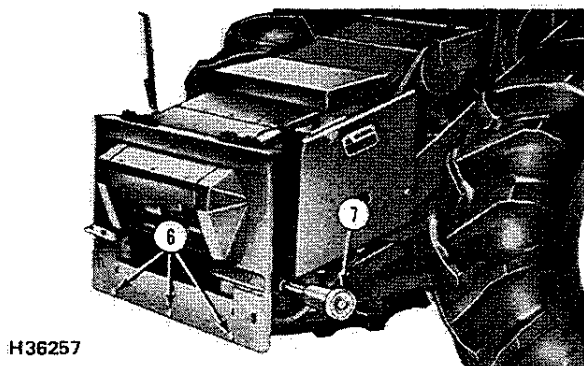
1. Start engine and lower feeder house.
2. Move combine slowly forward until feeder house is centered in platform opening. Raise feeder house, lifting platform all the way up. Shut off engine.
3. Pivot blocks (A) on feeder house must be properly seated in pocket under top beam of header.

A—Pivot Blocks



4. Disconnect chain (A) and lower hydraulic cylinder safety stop (B) on lift cylinder.
5. Attach automatic header height control connectors, if so equipped.

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.

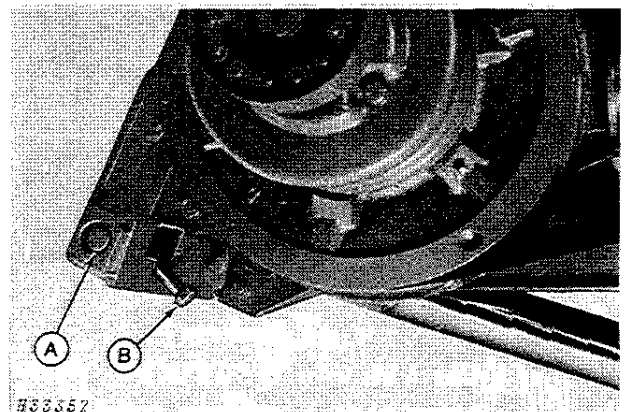
**IMPORTANT: To prevent damage to hydraulic reel drive system connect hoses under operator's platform. These hoses stay with combine.**

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. Swing shield up, slide coupler off sprockets and chain, and remove coupler chain. Repeat procedure on other side.
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

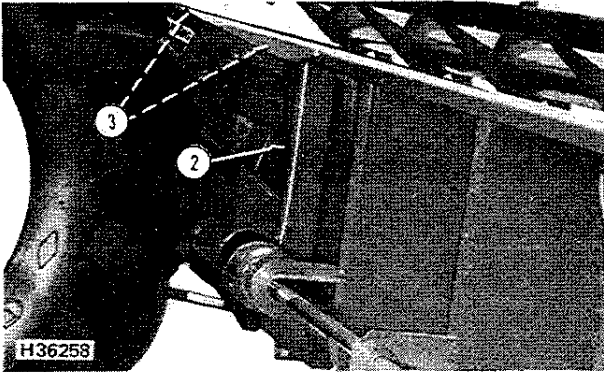
**IMPORTANT: Lock pin (A) (both sides) must be positioned in before attaching header. Position pin by sliding stop bolt (B) in and then pivoting it down. If pins are left in the out position, feeder house will be damaged when header is attached.**

A—Lock Pin  
B—Stop Bolt



Continued on next page.

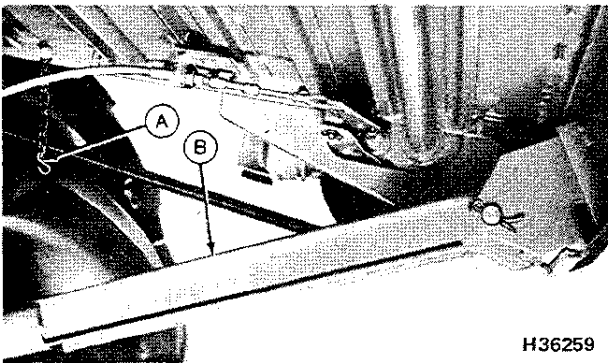
## 6 Attaching and Detaching



**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.

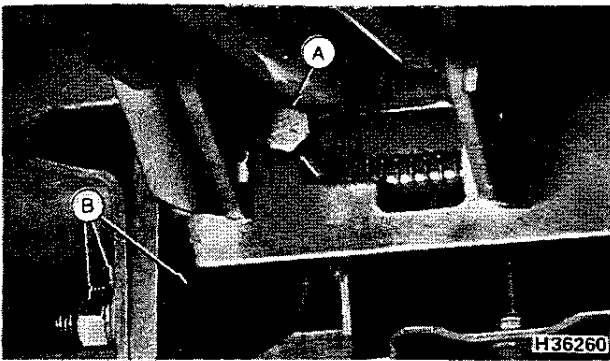
A coupler sprocket must be installed on the left-hand platform drive shaft of a 230 platform that is to be run on a 7720. See your John Deere dealer.

1. Start engine and lower feeder house.
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.



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

A—Support Chain  
B—Safety Stop



5. Pivot stop bolt (A) up, allowing lock pin to lock into header. Repeat procedure for other side.

**NOTE:** Loosen the mating lock plate (B) on the platform to allow the lock pin to center.

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

A—Stop Plate  
B—Lock Plate



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 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.*

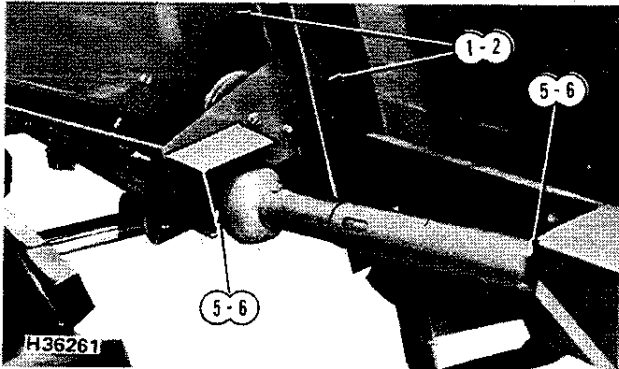
## **DETACHING PLATFORM FROM 4400 (350001-6620, 7720 and 8820 COMBINES), 4420,**

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

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

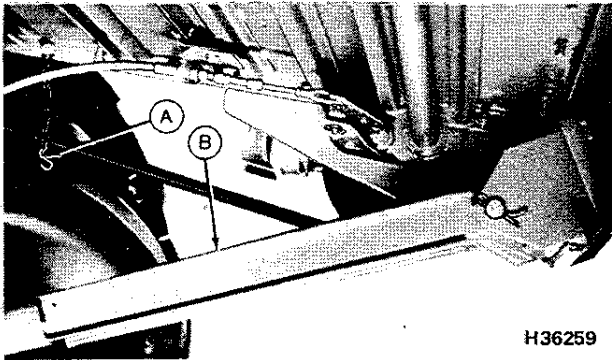
2. To prevent damage to variable speed feeder house hose when it is disconnected, route hose down between feeder house and variable-belt-drive and secure with clamp.
3. Start engine and raise platform all the way up. Shut off engine.
4. Disconnect chain and lower hydraulic cylinder safety stop on lift cylinder.
5. Swing shield up, slide coupler off sprockets and chain and remove coupler chain. Repeat procedure on other side.
6. Slide and pivot stop bolt down, allowing lock pin to unlock the 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)



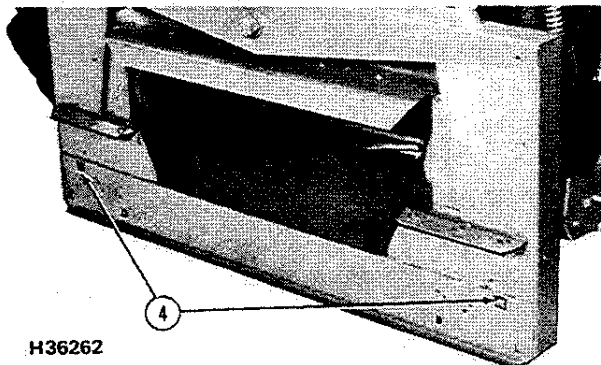
1. Start engine and lower feeder house.
2. Move combine slowly forward until feeder house is centered in platform opening. Raise feeder house, lifting platform, all the way up. Shut off engine.

**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.

A—Support Chain  
B—Safety Stop



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. Install telescoping drive shaft between platform and feeder house.
6. Install roll pin and tighten clamp on each end of telescoping drive shaft.
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.

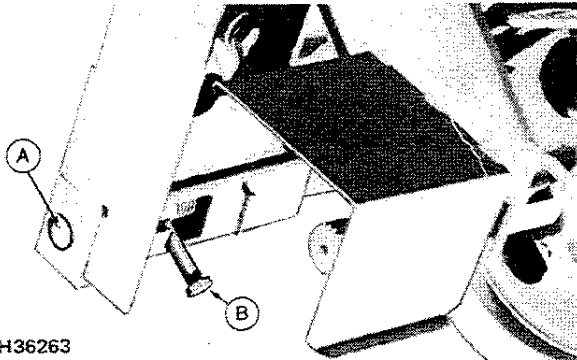
## DETACHING PLATFORM FROM SIDEHILL 6600 AND SIDEHILL 6620 ( -358900) COMBINES

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

**IMPORTANT: To prevent damage to hydraulic reel drive system connect hoses 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. Loosen clamp and disconnect telescoping drive shaft. Repeat procedure on other side.
5. Remove four 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 the platform.

## ATTACHING PLATFORM TO SIDEHILL 6620 (403301- ) COMBINES



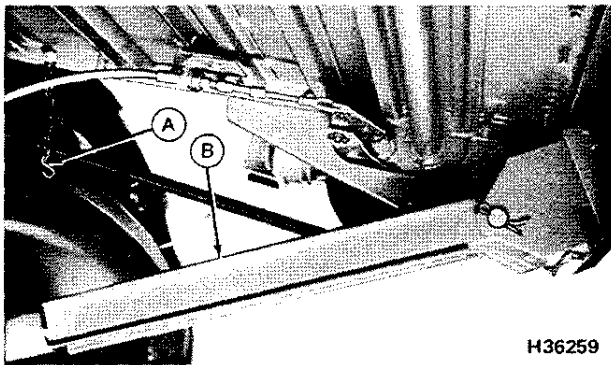
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A—Lock Pin  
B—Stop Bolt

**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 out position, damage to feeder house will result when mounting a header.

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

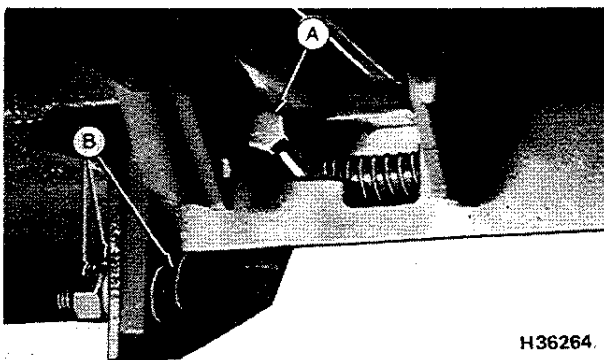
**IMPORTANT:** Pivot blocks on feeder house must be properly seated in pocket under top beam of header.



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A—Support Chain  
B—Safety Stop

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



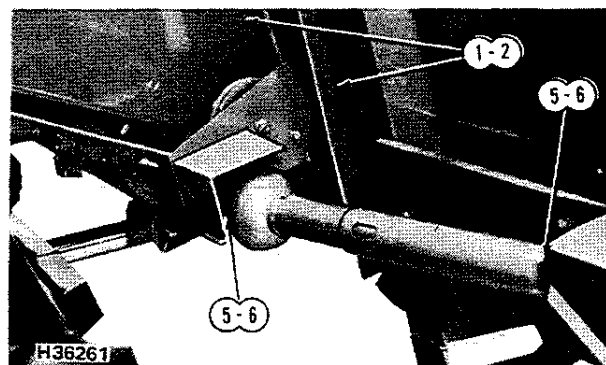
H36264.

A—Stop Bolt  
B—Lock Plate

4. Pivot stop bolt (A) up, allowing lock pin to lock into platform. Repeat procedure for other side.

**NOTE:** Loosen mating lock plate (B) on the platform, to allow lock pin to center.

5. Install telescoping drive shaft between corn head and feeder house.
6. Tighten clamp on each end of telescoping drive shaft.
7. Connect hoses for hydraulic reel lift and hydrostatic reel drive at couplers under operator's platform.
8. To prevent damage to variable speed feeder house hoses when they are disconnected, route hoses down between feeder house and variable-belt-drive and secure with clamps. Do not connect hoses together.

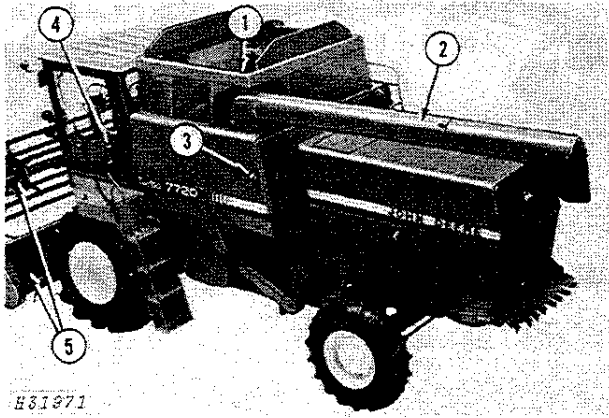


## DETACHING PLATFORM FROM SIDEHILL 6620 (403301- ) COMBINES

1. Disconnect hoses for hydraulic reel lift and hydrostatic reel drive at couplers under operator's platform.
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. Loosen clamp and disconnect telescoping drive shaft. Repeat procedure on other side.
5. Slide and pivot stop bolt down, allowing lock pin to unlock the platform. Repeat procedure on other side.
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 the corn head.



# Transporting



The platform can be transported by leaving it attached to the combine.

1. Empty grain tank.
2. Swing unloading auger back.
3. Turn on combine flashing warning light, unless prohibited by local law.
4. Couple combine brake pedals together.
5. Lower reel completely and raise platform to a position that will keep it off the ground but still allow good visibility.

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