

110-, 132-, and 154-Inch Three-Roller Belt Pickups and 212 and 214 Pickup Platforms



JOHN DEERE

OPERATORS MANUAL

110-, 132-, and 154-Inch Three-Roller Belt Pickups
and 212 and 214 Pickup Platforms


OMH120054 Issue I4 English

John Deere Harvester Works
OMH120054 Issue I4

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.

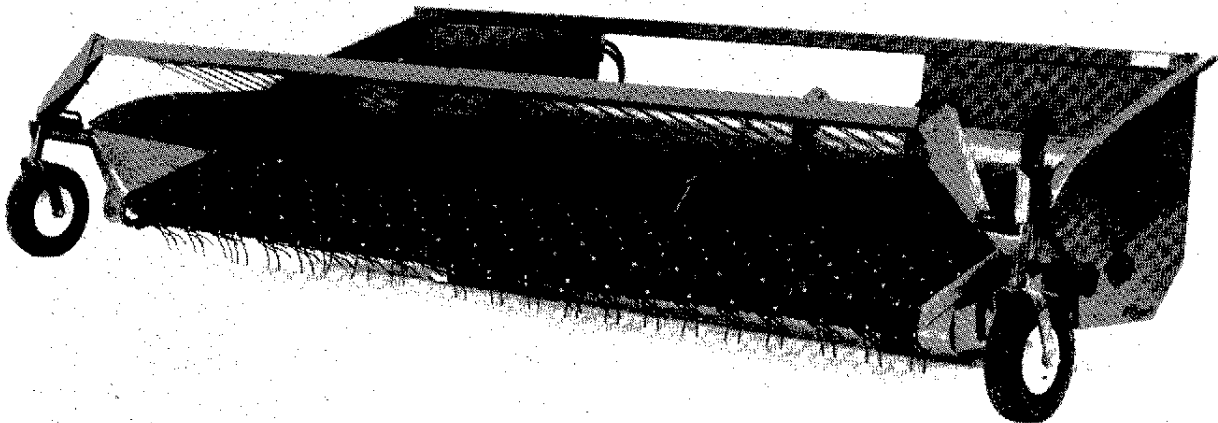
The operator's manual contains SI Metric equivalents which follow immediately after the U.S. customary units of measure.

“Right-hand” and “left-hand” sides are determined by facing in the direction the belt pickup will travel when in use.

Record your belt pickup serial number in the space provided in Specifications.

The warranty on this belt pickup 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.



214 Belt Pickup Illustrated

H50130



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Safety

SAFETY DECALS



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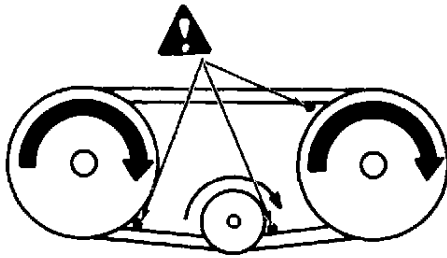


CAUTION, WARNING OR DANGER: Decals with these headings and symbol indicate the possibility of personal injury.

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



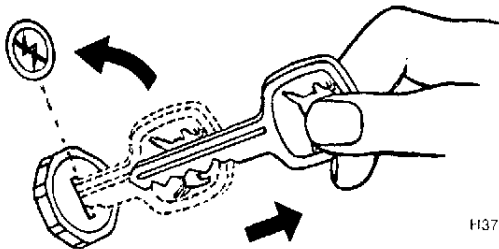
H36880

Keep hands, feet, and clothing away from power-driven parts. Be particularly careful of pinch points on belt and chain drives.

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

Never attempt to clear obstructions off the pickup unless the separator is disengaged and the power is shut off.

LEAVING COMBINE UNATTENDED



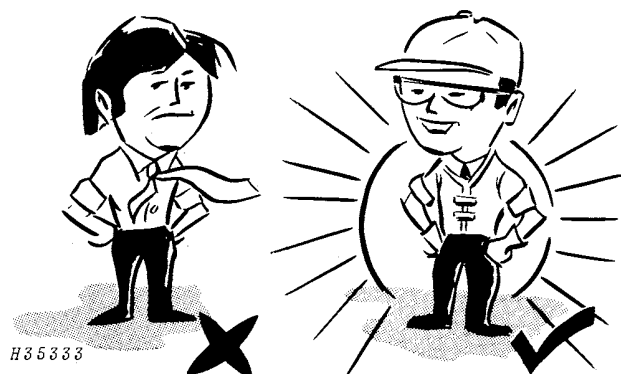
H37524

Before leaving the combine unattended, turn off engine and remove keys. Support the pickup 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.

Any time work is being done under pickup, the hydraulic cylinder safety stop must be placed in the safety position. Refer to page 5.

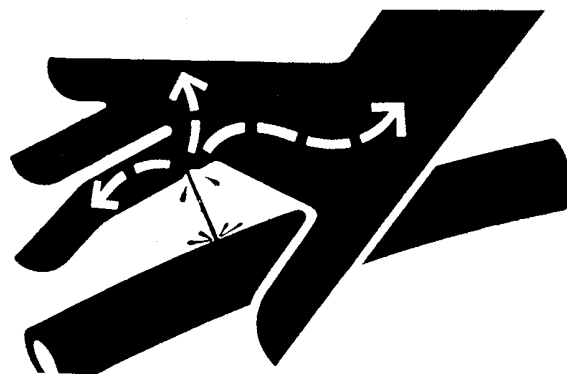


AVOID HIGH PRESSURE FLUIDS

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 pinholes 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 the feeder house will result in an instantaneous dropping of feeder house or feeder house and header.

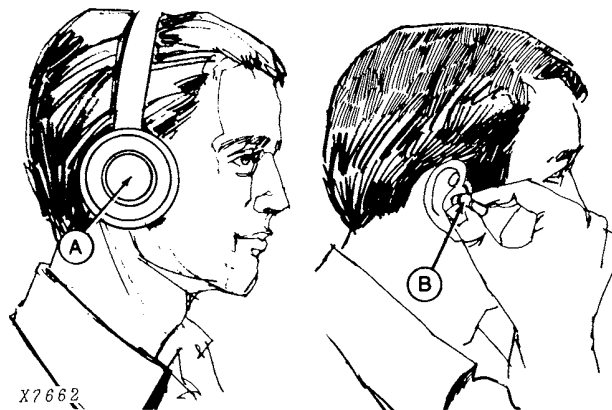


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PROTECT AGAINST NOISE

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

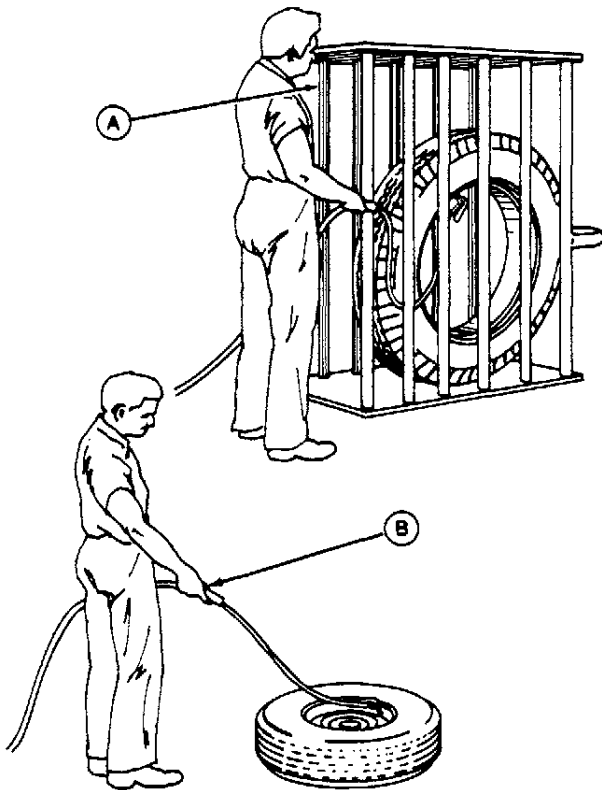
Wear a suitable hearing protective device as earmuffs (A) or earplugs (B) to protect against objectionable or uncomfortable loud noises.



A — Earmuffs
B — Earplugs

X7662

SERVICE TIRES SAFELY



TS0123

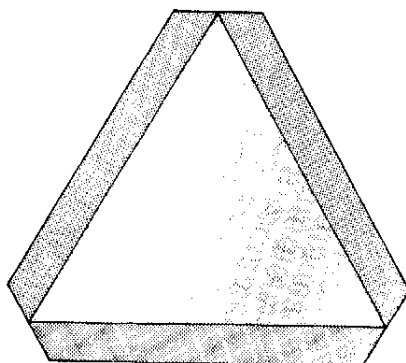
Failure to follow proper procedures when mounting a tire on a wheel or rim can produce an explosion which may result in serious injury or death. Do not attempt to mount a tire unless you have the proper equipment and experience to perform the job. Have it done by your John Deere dealer or a qualified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

When seating tire beads on rims, never exceed 35 psi (2.40 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.

TRANSPORT SAFELY



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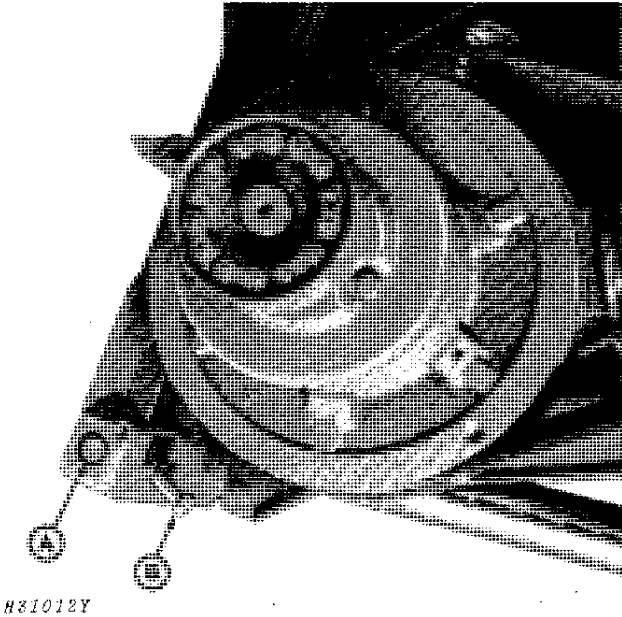
When transporting the combine on a road or highway, use accessory lights and devices for adequate warning to the operators of other vehicles. In this regard, check local governmental regulations. Always check width laws.

H35338

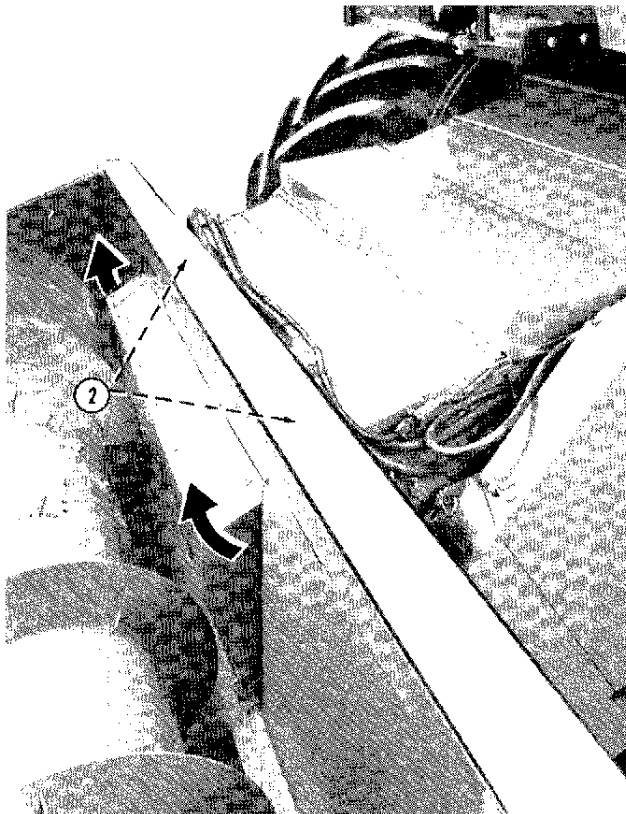


Attaching and Detaching Platform

ATTACHING PICKUP PLATFORM TO 4400 (350001-), 6620, 7720, 7721 AND 8820 COMBINES

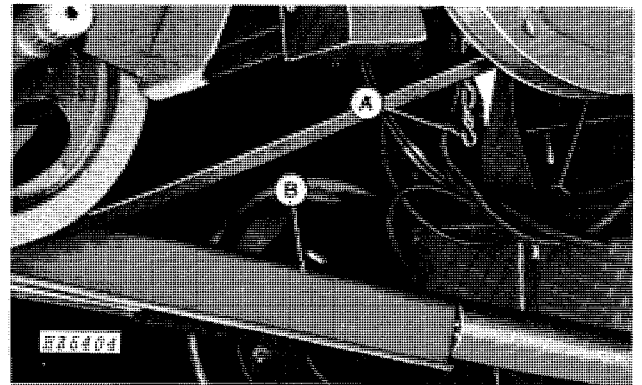


IMPORTANT: Lock pin (A) (both sides) must be positioned in before attaching header. Position pin by sliding stop bolt (B) in and pivoting it down. Damage to feeder house results when mounting header with pins in out position.



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



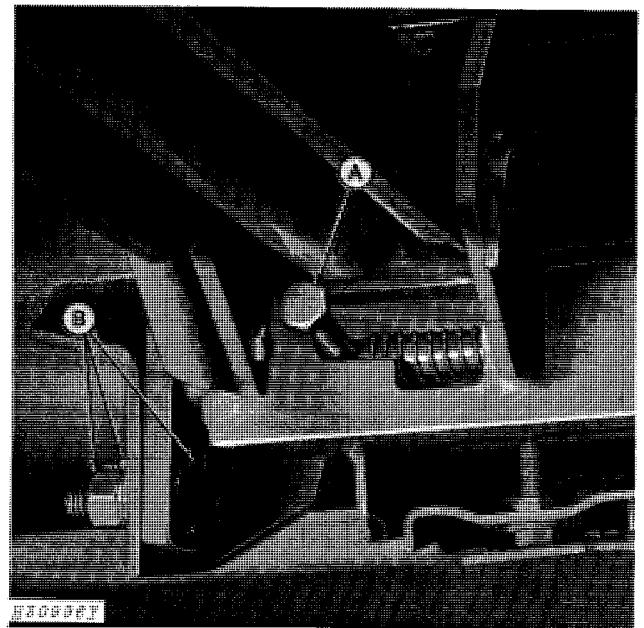
A — Support Chain
B — Safety Stop

4. Slide and pivot stop bolt (A) up and out, to move 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.

On 8820 combines, install coupler shipped with feeder house on L.H. platform drive shaft.

5. Place chain around sprockets and slide coupler over sprockets and chain. Repeat for other side.
6. Connect hoses for hydrostatic belt drive at couplers under operator's platform or on feeder house.



A — Pivot Stop Bolt
B — Mating Lock Plate

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

1. Disconnect hoses for hydrostatic belt drive at couplers under operator's platform or on feeder house.

IMPORTANT: To prevent damage to hydraulic system connect hoses under operator's platform or on feeder house. 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 or disconnect at bracket.
3. Start engine and raise pickup 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.
6. Slide and pivot stop bolt 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 belt pickup platform is on the ground and attaching blocks are free.
9. Move combine slowly rearward until feeder house is clear of belt pickup platform.

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