

110, 132, and 154 In. Three-Roller Belt Pickups and 912 and 914 Pickup Platforms



JOHN DEERE

OPERATORS MANUAL

**110, 132, and 154 In. Three-Roller
Belt Pickups and 912 and 914
Pickup Platforms**

OMH144426 Issue B1 English

**John Deere Harvester Works
OMH144426 Issue B1
(This manual replaces h138032 Issue A0)**

LITHO IN U.S.A.



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.

 **CAUTION: If this belt pickup is attached to any combine other than a John Deere, all exposed drives must be completely shielded.**

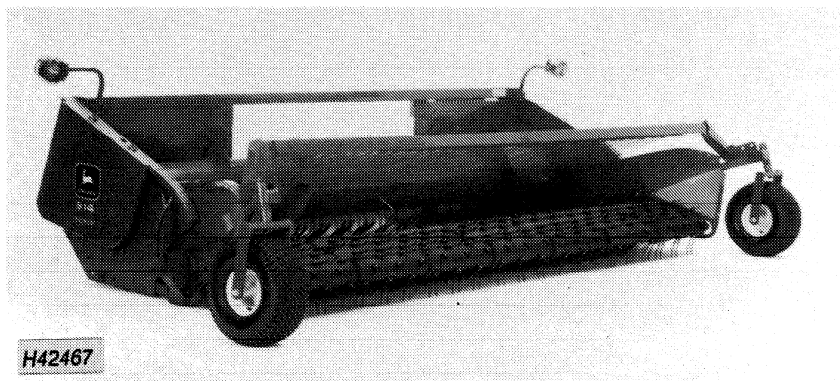
The operator's manual contains SI Metric equivalents which follow immediately after the U.S. customary units of measure.

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

Record identification number(s) in space provided in Specifications. Accurately record "ALL" of the letters and numbers in case a computer is used to trace a stolen machine or for ordering parts from a dealer. Make an additional copy of the numbers and file it in a safe place.

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.



JUN-17JAN91

H42467

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All information, illustrations and specifications in this manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.

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Contents

Safety

RECOGNIZE SAFETY INFORMATION

This is the safety-alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating practices.



DX,ALERT -19-04JUN90

T81389 -UN-07DEC88

UNDERSTAND SIGNAL WORDS

A signal word—DANGER, WARNING, or CAUTION—is used with the safety-alert symbol. DANGER identifies the most serious hazards.

DANGER or WARNING safety signs are located near specific hazards. General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.

⚠ DANGER

⚠ WARNING

⚠ CAUTION

DX,SIGNAL -19-04JUN90

TS187 -19-30SEP88

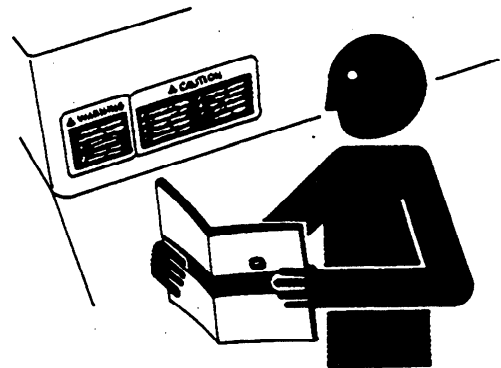
FOLLOW SAFETY INSTRUCTIONS

Carefully read all safety messages in this manual and on your machine safety signs. Keep safety signs in good condition. Replace missing or damaged safety signs. Be sure new equipment components and repair parts include the current safety signs. Replacement safety signs are available from your John Deere dealer.

Learn how to operate the machine and how to use controls properly. Do not let anyone operate without instruction.

Keep your machine in proper working condition. Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.

If you do not understand any part of this manual and need assistance, contact your John Deere dealer.



DX,READ -19-04JUN90

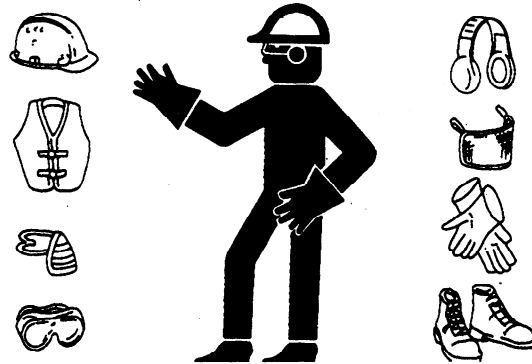
TS201 -UN-23AUG88



WEAR PROTECTIVE CLOTHING

Wear close fitting clothing and safety equipment appropriate to the job.

Operating equipment safely requires the full attention of the operator. Do not wear radio or music headphones while operating machine.



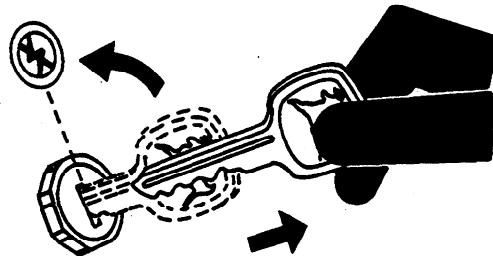
DX,WEAR2 -19-10SEP90

TS206 -UN-23AUG88

PARK MACHINE SAFELY

Before working on the machine:

- Lower all equipment to the ground.
- Stop the engine and remove the key.
- Disconnect the battery ground strap.
- Hang a "DO NOT OPERATE" tag in operator station.



DX,PARK -19-04JUN90

TS230 -UN-24MAY89

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.

ROCPHD,50ASA,G -19-12DEC83



AVOID CONTACT WITH MOVING PARTS

Never attempt to clear obstructions on the belt pickup unless the main drive is disengaged, the engine shut off and key removed.

DANGER: To avoid bodily injury or death, SHUT OFF engine before unclogging.



H42442

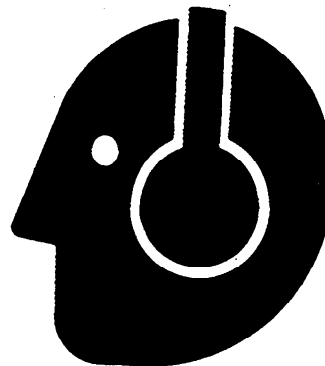
ROCPHD,50ASA,A -19-28JAN91

H42442
-JUN-10JAN91

PROTECT AGAINST NOISE

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

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



DX,NOISE -19-04JUN90

TS207
-JUN-23AUG88

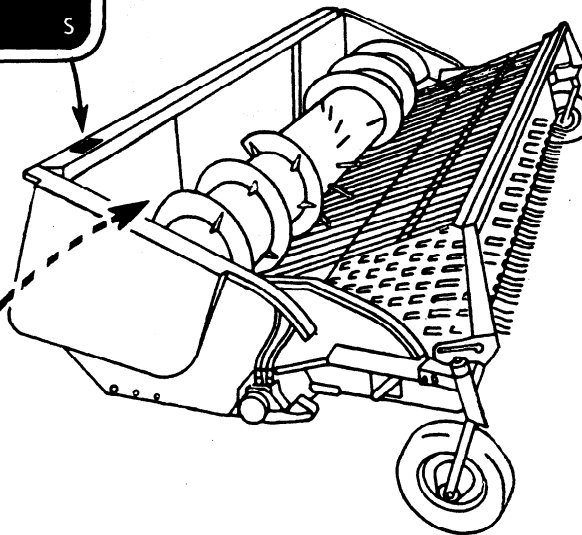
Safety Decal Location



CAUTION

1. Keep all shields in place.
2. Disengage and shut off all engine and/or motor power before servicing or unclogging machine.
3. Keep hands, feet, and clothing away from power-driven parts.

S



DANGER



Entanglement in rotating driveline can cause serious injury or death.

Keep all shields in place.

Avoid contact with rotating parts.

SIDEHILL 6620 (Driveshaft Shield)

H42468

SIDEHILL 6620 (Driveshaft Shield)

PICKUPS,SS,A -19-28JAN91

-19-17JAN91

H42468

Attaching and Detaching

CHECK AUGER STRIPPER LOCATION

The auger strippers (A) are positioned in different locations depending on the combine size the belt pickup will be used on.

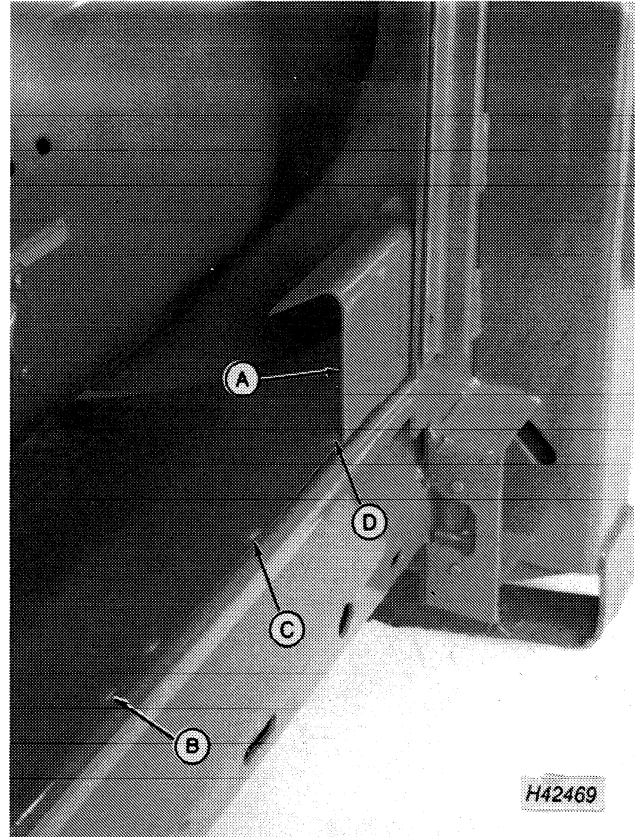
Install stripper with bottom hole of stripper on stripper support bolt (B) for 6620 combines.

Install stripper with bottom hole of stripper on stripper support bolt (C) for 9400, 9500 and 7720 combines.

Install stripper with bottom hole of stripper on stripper support bolt (D) for 9600 and 8820 combines.

IMPORTANT: If attaching belt pickup to 1990 or older model combine, strippers on the front of the combine feeder house must be removed before attaching combine to belt pickup.

If attaching belt pickup to 4420, 4425 or 4435 combine, remove the stripper extensions from the belt pickup.

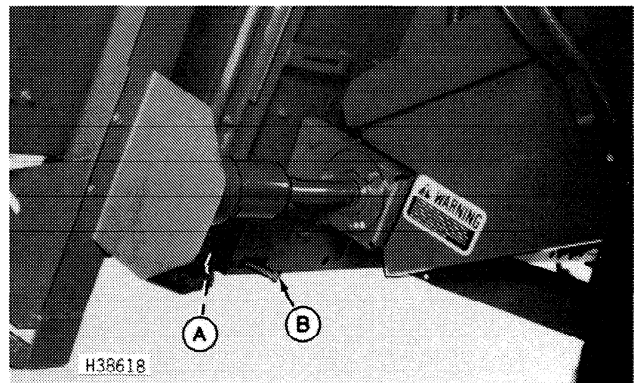


-UN-22JAN91
H42469

PICKUPS,AD,AY -19-28JAN91

ATTACHING BELT PICKUP TO 4420 (600001-), 4425 AND 4435 COMBINES

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



4425 Combine

-UN-25AUG89
H38618

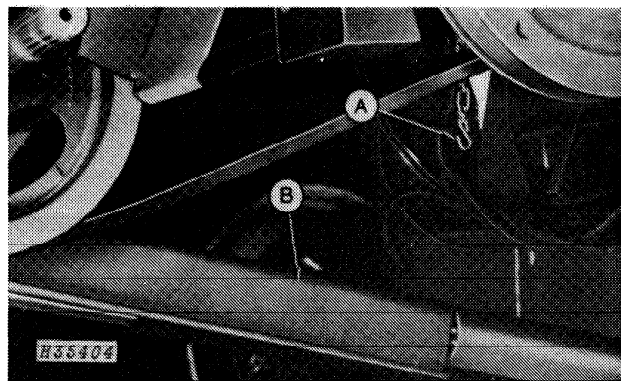
PICKUPS,AD,A -19-27DEC88

Attaching and Detaching

Sound horn, start engine and lower feeder house.

Drive slowly forward until feeder house is centered in platform opening. Raise feeder house, lifting platform, all the way up. Shut off engine and remove key.

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



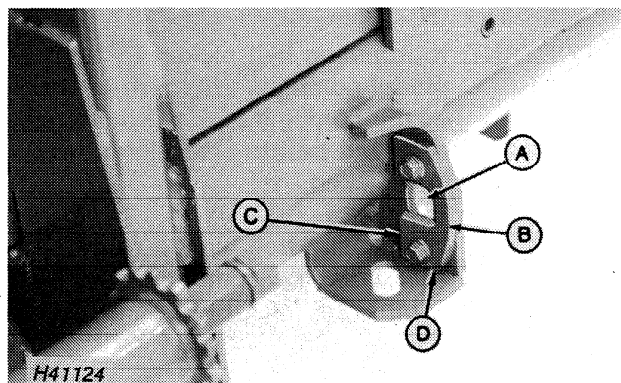
H35404
-UN-28NOV89

PICKUPS,AD,B -19-27DEC88

Slide lock pin under feeder house into hole (A) on header (both sides). Lock pin must extend thru latch plate (B). Install latch plate with wide side (C) below pin whenever possible. Latch plate must contact surface (D). Tolerances may require that latch plates be installed differently on left- and right-hand sides.

IMPORTANT: Header may detach from combine if latch plate is not in place.

Place chain around sprocket and slide coupler over sprocket and chain. Repeat for other side.

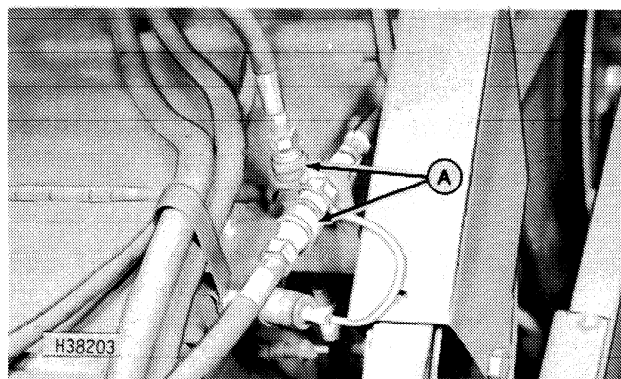


H41124
-UN-19SEP89

PICKUPS,AD,C -19-20DEC89

Connect DIAL-A-MATIC harness if equipped.

Connect both variable feeder house hoses at couplers (A) on left side of feeder house.



H38203
-UN-13OCT88

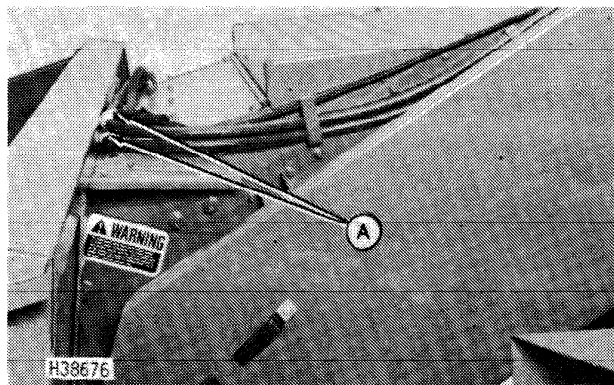
4420 Combine

PICKUPS,AD,D -19-27DEC88

Attaching and Detaching

Fasten two hoses to hose connectors (A) from belt pickup motor. Lay hoses across feeder house as shown.

Sound horn, start engine and move the feeder house speed lever forward to close bottom variable sheaves or minimum speed in lower feeder house drive shaft. Shut off engine and remove key.



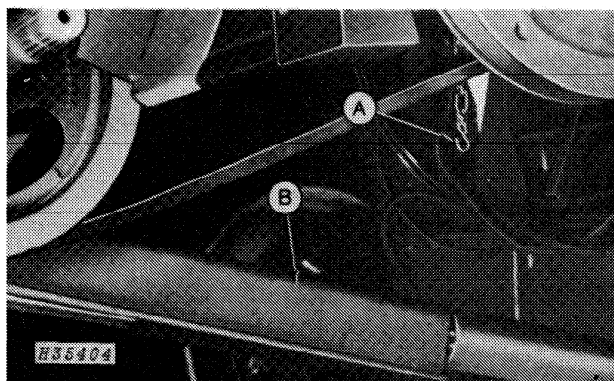
PICKUPS,AD,E -19-27DEC88

H38676 -UN-02FEB90

DETACHING BELT PICKUP FROM 4420 (600001-), 4425 AND 4435 COMBINES

Sound horn, start engine and raise platform all the way up. Shut off engine and remove key.

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



PICKUPS,AD,F -19-27DEC88

H35404 -UN-26NOV89

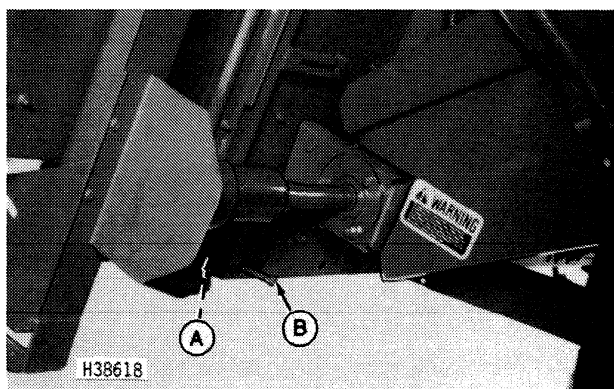
Disconnect DIAL-A-MATIC harness if equipped.

(Both sides) Slide and pivot stop bolt (B) down to let lock pin (A) unlock platform.

Raise safety stop (B) and hook on chain (A).

Sound horn, start engine and lower feeder house until platform is on ground and pivot blocks or hooks are free.

Drive slowly rearward until feeder house is clear of platform. Shut off engine and remove key.



4425 Combine

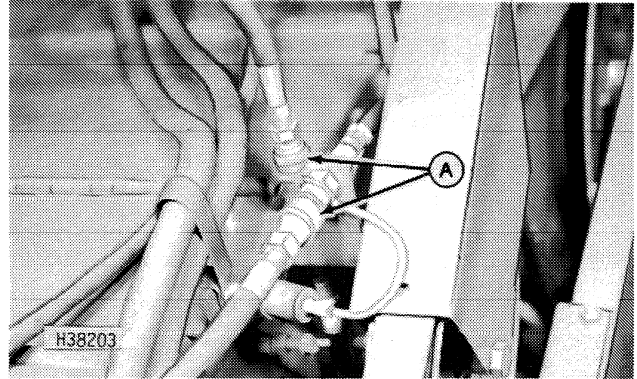
PICKUPS,AD,G -19-27DEC88

H38618 -UN-25AUG89

Attaching and Detaching

Disconnect both variable feeder house hoses at couplers (A) on left side of feeder house only if changing to a cutting platform.

Disconnect both hoses to belt drive motor at connectors on feeder house.



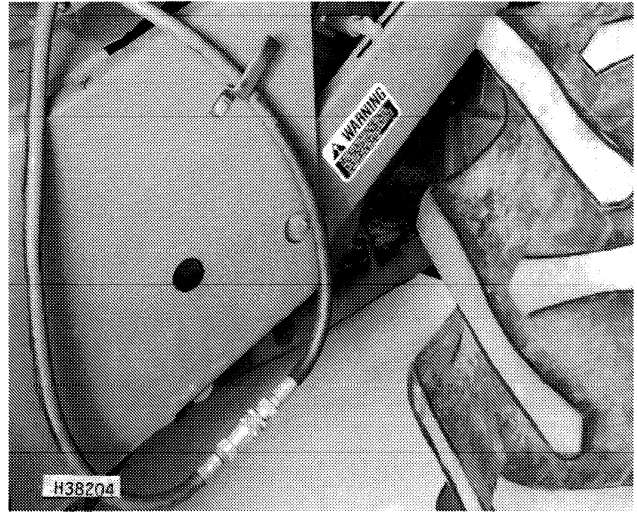
PICKUPS,AD,H -19-27DEC88

-UN-13OCT88

H38203

IMPORTANT: Hoses must be connected together when disconnecting header. Connect the combine pressure hose to return hose as shown. If connection is not made, hydraulic system can be damaged by overheating from constant operation of relief valve.

Store hoses as shown to prevent damage.



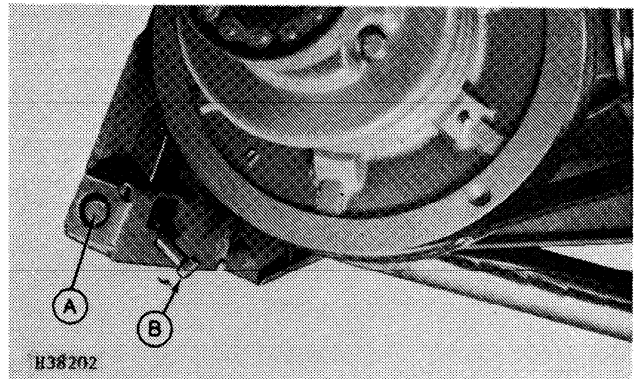
PICKUPS,AD,I -19-27DEC88

-UN-14MAR89

H38204

ATTACHING BELT PICKUP TO 6620, 7720, 7721 AND 8820 COMBINES (600001-)

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



PICKUPS,AD,J -19-27DEC88

-UN-28NOV89

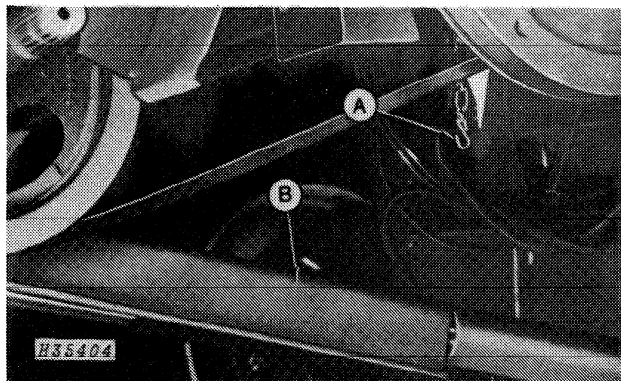
H38202

Attaching and Detaching

Sound horn, start engine and lower feeder house.

Drive slowly forward until feeder house is centered in platform opening. Raise feeder house, lifting platform all the way up. Shut off engine and remove key.

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



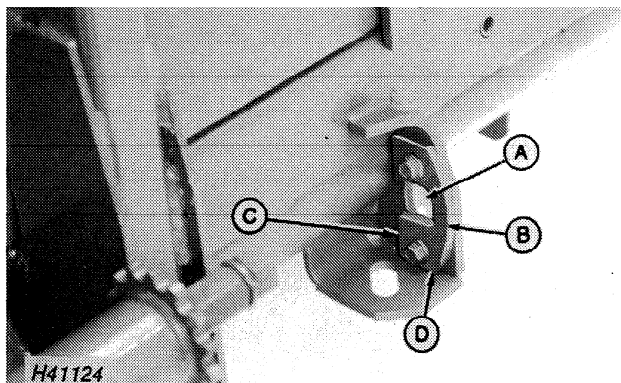
PICKUPS,AD,L -19-20DEC89

H35404
-UN-28NOV89

Slide lock pin under feeder house into hole (A) on header (both sides). Lock pin must extend thru latch plate (B). Install latch plate with wide side (C) below pin whenever possible. Latch plate must contact surface (D). Tolerances may require that latch plates be installed differently on left- and right-hand sides.

IMPORTANT: Header may detach from combine if latch plate is not in place.

Place chain around sprocket and slide coupler over sprocket and chain. Repeat for other side.



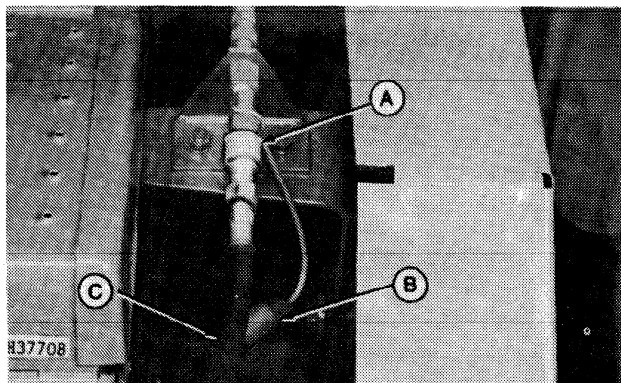
PICKUPS,AD,C -19-20DEC89

H41124
-UN-19SEP89

Connect DIAL-A-MATIC if equipped.

Reel lift hose must be connected to connector on bracket for use of variable feeder house drive. When hose is disconnected from fitting use cap (B) and plug (C) to cover open hose ends.

Sound horn, start engine and move feeder house speed lever to close bottom variable sheaves. Shut off engine and remove key.

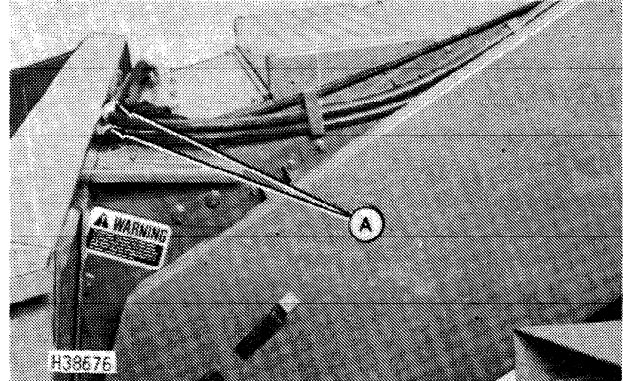


PICKUPS,AD,M -19-27DEC88

H37708
-UN-28NOV89

Attaching and Detaching

Fasten two hoses to hose connectors (A) from belt pickup motor. Lay hoses across feeder house as shown.



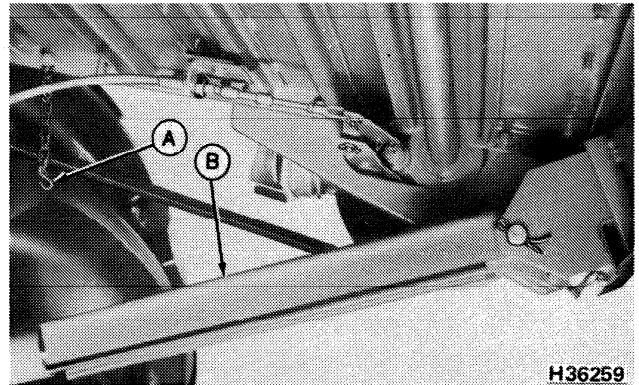
PICKUPS,AD,N -19-27DEC88

H38676
-JUN-02FEB90

DETACHING BELT PICKUP FROM 6620, 7720, 7721 AND 8820 COMBINES (600001-)

Sound horn, start engine and raise platform all the way up. Shut off engine and remove key.

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



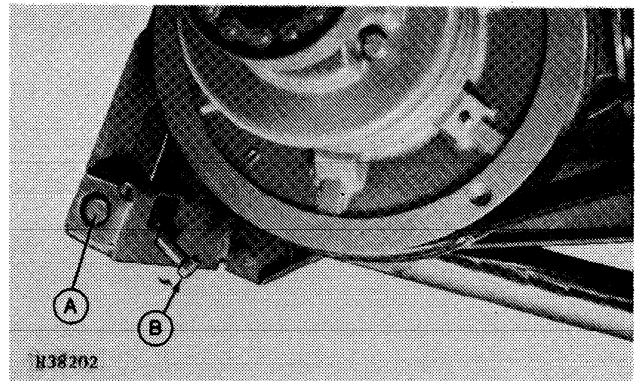
PICKUPS,AD,O -19-27DEC88

H36259
-JUN-13OCT88

Slide right-hand coupler off sprockets and chain and unwrap chain.

Disconnect DIAL-A-MATIC header height control harness if equipped.

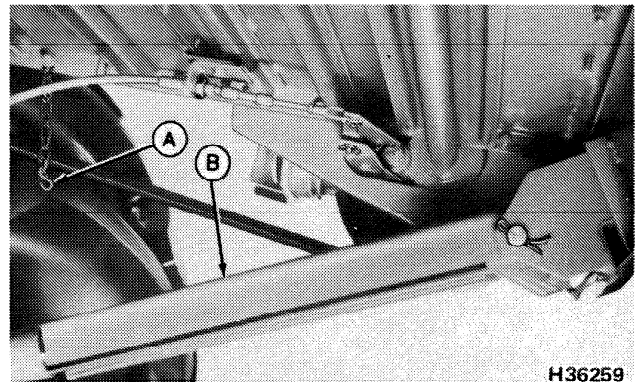
(Both sides) Slide and pivot stop bolt (B) down, to let lock pin (A) unlock platform.



PICKUPS,AD,P -19-27DEC88

H38202
-JUN-28NOV89

Raise safety stop (B) and secure with chain (A).



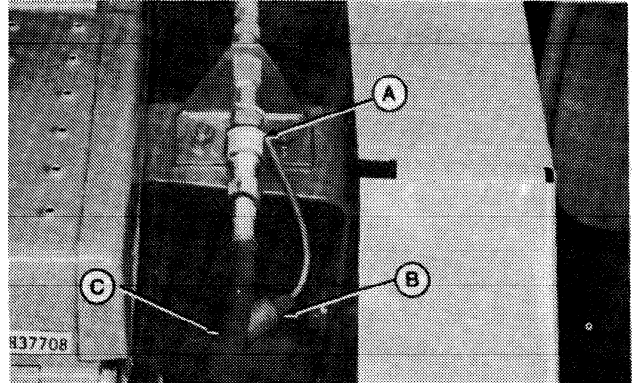
PICKUPS,AD,Q -19-27DEC88

H36259
-JUN-13OCT88

Attaching and Detaching

Reel lift hose must be connected to connector on bracket for use of variable feeder house drive. When hose is disconnected from fitting use cap (B) and plug (C) to cover open hose ends.

Disconnect both hoses.

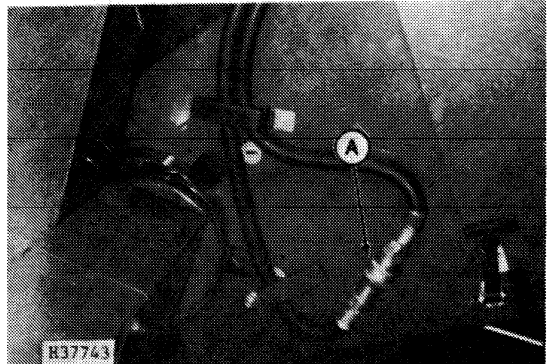


PICKUPS,AD,R -19-27DEC88

IMPORTANT: Hoses must be connected together when disconnecting header. Connect combine pressure hose to return hose as shown (A). If connection is not made, hydraulic system can be damaged by overheating from constant operation of relief valve.

Sound horn, start engine and lower feeder house until platform is on ground and pivot blocks are free.

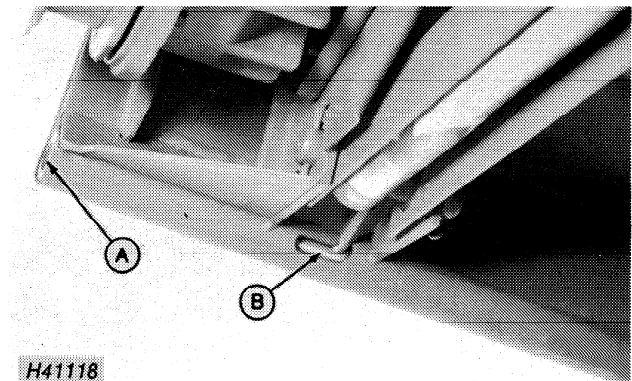
Drive slowly rearward until feeder house is clear of platform. Shut off engine and remove key.



PICKUPS,AD,S -19-27DEC88

ATTACHING BELT PICKUP TO 9400, 9500 AND 9600 COMBINES

IMPORTANT: Lock pin (A) (both sides) must be moved in before attaching header. Move pin by sliding handle (B) in and up. If pins are left in the out position, feeder house will be damaged when header is attached.



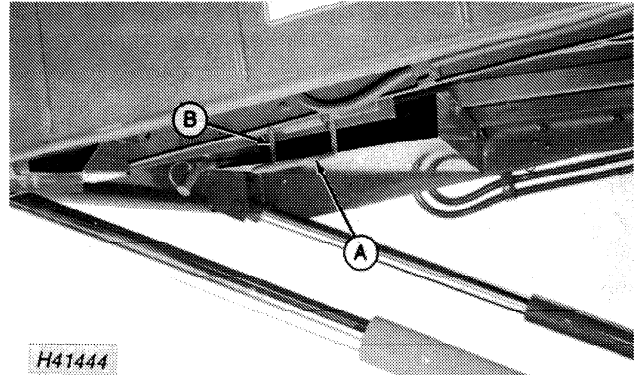
PICKUPS,AD,T -19-03JAN90

Attaching and Detaching

Sound horn, start engine and lower feeder house.

Drive slowly forward until feeder house is centered in header opening. Raise feeder house, lifting header all the way up. Shut off engine and remove key.

Hold handle (A) and release safety stop by removing pin (B) and lowering stop down onto hydraulic cylinder rod.



H41444

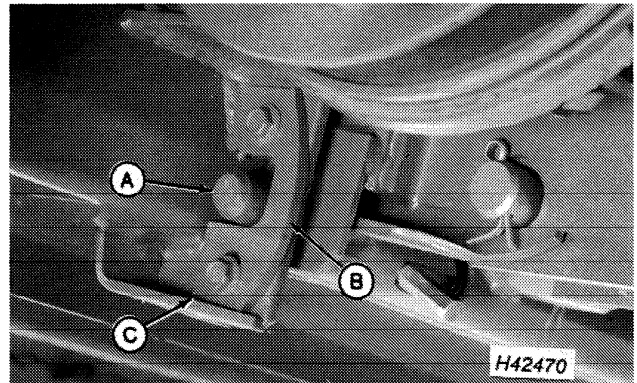
PICKUPS,AD,U -19-28JAN91

-UN-28NOV89
H41444

Pivot stop handle down to let lock pin (A) lock into header. The lock pin must extend thru latch plate (B), if not; turn plate over. The latch plate must contact surface (C). Tolerances may require that latch plates be installed differently on left- and right-hand sides.

IMPORTANT: Header may detach from combine if latch plate is not in place.

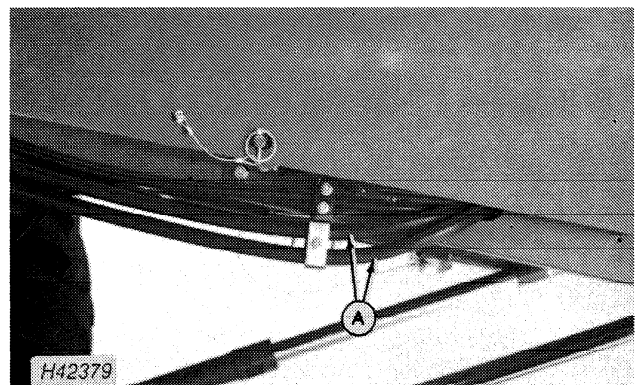
Connect DIAL-A-MATIC if equipped.



PICKUPS,AD,V -19-28JAN91

-UN-17JAN91
H42470

Remove reel drive hoses (A) from storage position on right-hand side of feeder house. Connect the hoses to hose connectors from belt pickup motor.



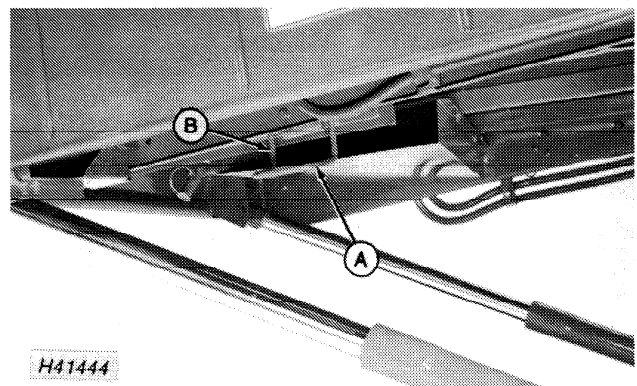
PICKUPS,AD,W -19-28JAN91

-UN-18SEP90
H42379

DETACHING BELT PICKUP FROM 9400, 9500 AND 9600 COMBINES

Honk horn, start engine and raise header all the way up. Shut off engine and remove key.

Hold handle (A) and release safety stop by removing pin (B) and lowering stop down onto the hydraulic cylinder rod.



H41444

PICKUPS,AD,X -19-28JAN91

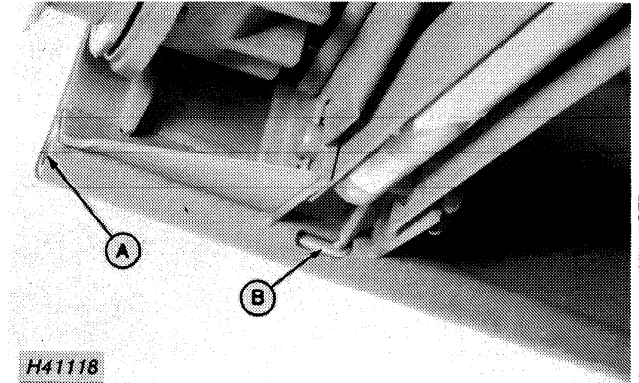
-UN-28NOV89
H41444

Attaching and Detaching

Slide right-hand coupler off sprockets and chain and unwrap chain.

Disconnect DIAL-A-MATIC harness if equipped.

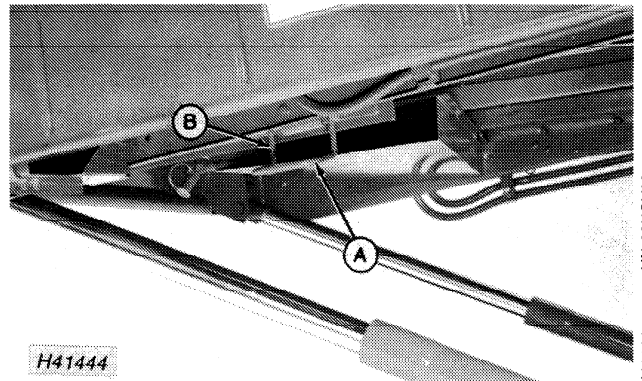
(Both Sides) Push locking pin handle (B) in and up so locking pin (A) will unlock from platform.



PICKUPS,AD,Y -19-04JAN90

H41118 -UN-07SEP89

Raise safety stop (A) and secure with pin (B).



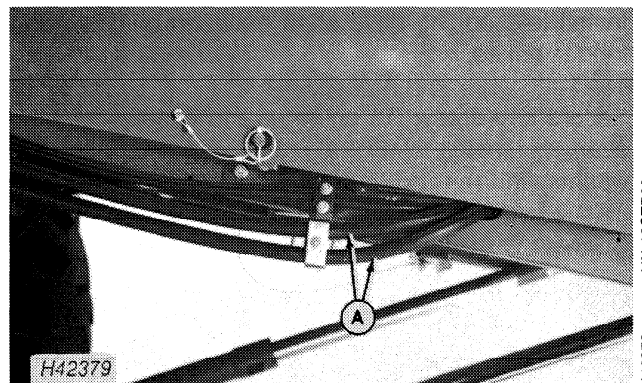
PICKUPS,AD,Z -19-04JAN90

H41444 -UN-28NOV89

Disconnect reel drive hoses (A) from hose connectors from belt pickup motor. Connect reel drive hoses together and insert hoses in storage position on right-hand side of feeder house.

Honk horn, start engine and lower feeder house until platform is on ground and pivot blocks are free.

Drive slowly rearward until feeder house is clear of platform. Shut off engine and remove key.

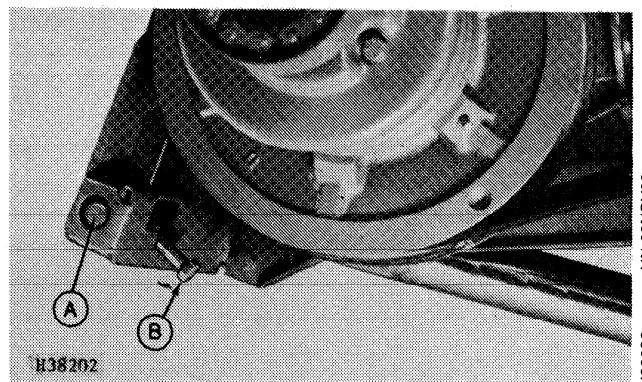


PICKUPS,AD,AA -19-28JAN91

H42379 -UN-18SEP90

ATTACHING BELT PICKUP TO SIDEHILL 6620 COMBINE (600001-610000)

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



PICKUPS,AD,AB -19-27DEC88

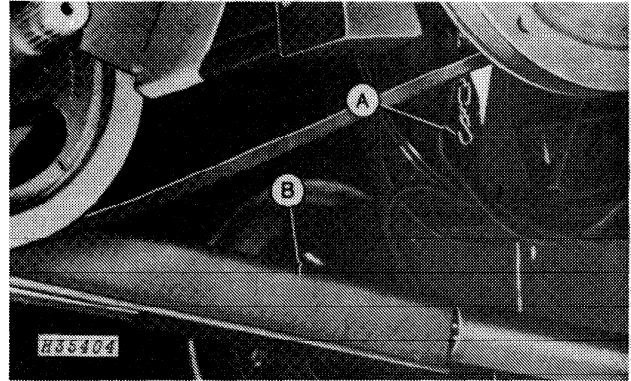
H38202 -UN-28NOV89

Attaching and Detaching

Sound horn, start engine and lower feeder house.

Drive slowly forward until feeder house is centered in platform opening. Raise feeder house, lifting platform all the way up. Shut off engine and remove key.

Disconnect chain (A) and lower safety stop (B) onto cylinder.

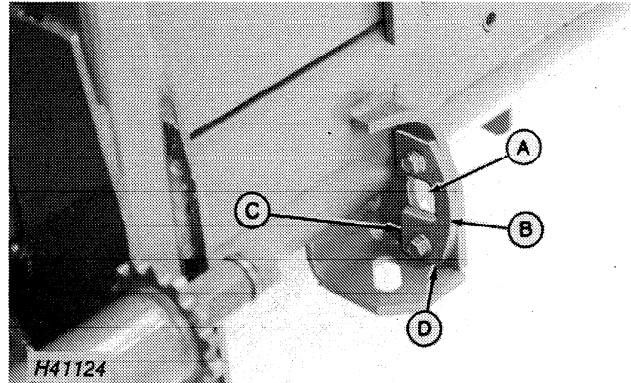


PICKUPS,AD,AC -19-27DEC88

H35404
-UN-28NOV89

Slide lock pin under feeder house into hole (A) on platform (both sides). Lock pin must extend thru latch plate (B). Install latch plate with wide side (C) below pin whenever possible. Latch plate must contact surface (C). Tolerances may require that latch plates be installed differently on left- and right-hand sides.

IMPORTANT: Header may detach from combine if latch plate is not in place.



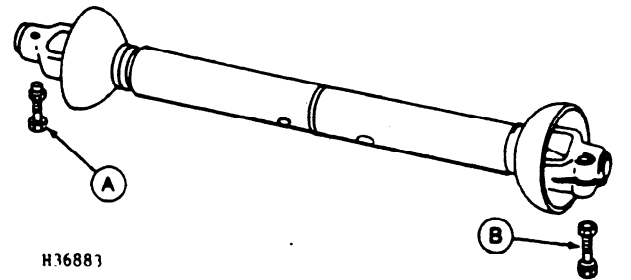
PICKUPS,AD,AD -19-04JAN90

H41124
-UN-19SEP89

Install telescoping drive shaft between platform and feeder house.

Secure cap screw (B) on inner end of telescoping drive shaft and install 5/16 x 2-1/2 in. cap screw (A), lock washer and nut thru outer end.

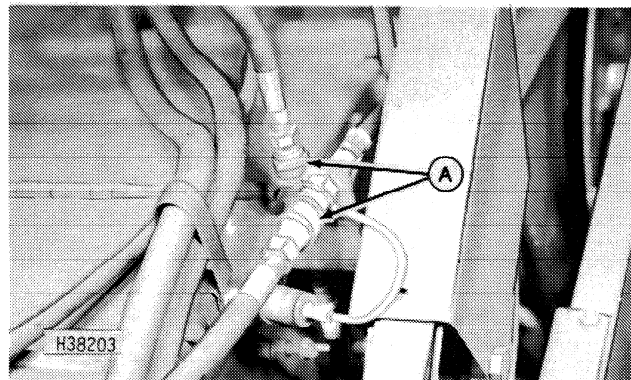
Connect DIAL-A-MATIC harness if equipped.



PICKUPS,AD,AE -19-04JAN90

H36883
-UN-28NOV89

Connect both variable feeder house hoses at couplers (A) on left side of feeder house.

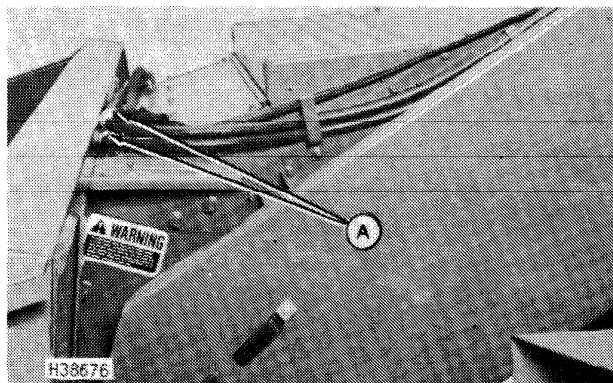


PICKUPS,AD,AF -19-27DEC88

H38203
-UN-13OCT88

Fasten two hoses to connectors at (A) from belt pickup motor. Lay hoses across feeder house.

Sound horn, start engine and move feeder house speed lever rearward to close bottom variable sheaves. Minimum speed on digital tach. Shut off engine and remove key.



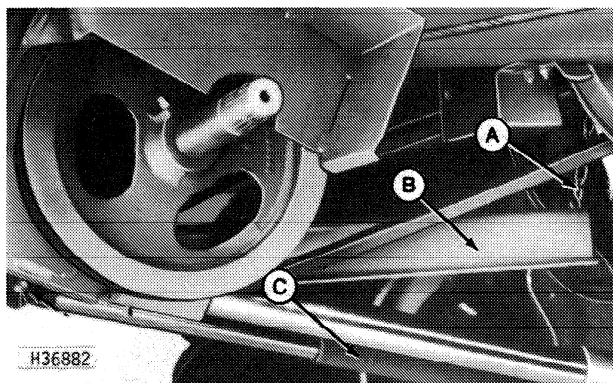
PICKUPS,AD,AG -19-04JAN90

H38676 -UN-02FEB90

DETACHING BELT PICKUP FROM SIDEHILL 6620 COMBINE (600001-610000)

Sound horn, start engine and raise platform all the way up. Shut off engine and remove key.

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

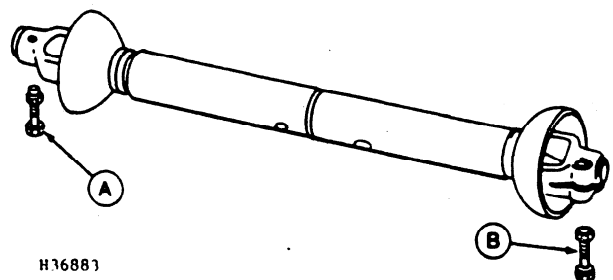


PICKUPS,AD,AH -19-27DEC88

H36882 -UN-13OCT88

Loosen cap screw (B) on inner end and remove cap screw (A) then disconnect telescoping drive shaft at feeder house (shaft stays with header).

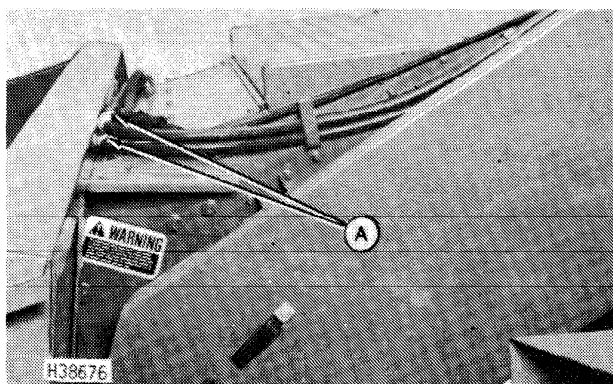
Disconnect DIAL-A-MATIC harness if equipped.



PICKUPS,AD,AI -19-27DEC88

H36883 -UN-28NOV89

Disconnect two hoses from connectors at (A) from belt pickup motor. Long hoses stay with platform.



PICKUPS,AD,AJ -19-27DEC88

H38676 -UN-02FEB90

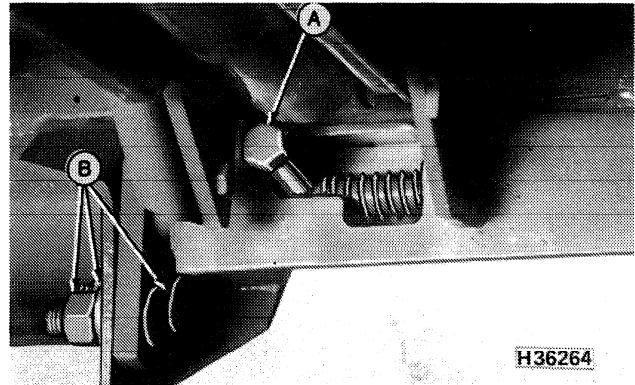
Attaching and Detaching

(Both Sides) Slide and pivot stop bolt (A) down, to let lock pin unlock platform.

Raise safety stop and hook on chain.

Sound horn, start engine and lower feeder house until platform is on ground and pivot blocks are free.

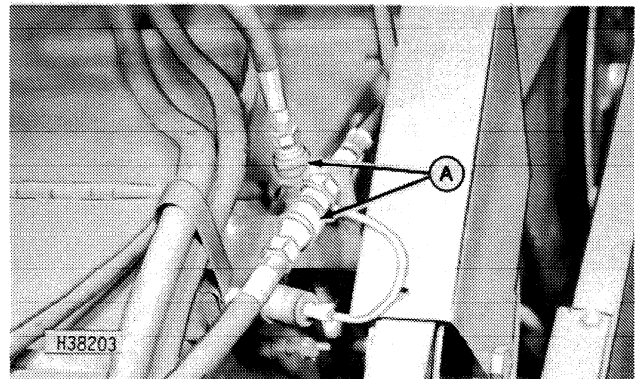
Drive slowly rearward until feeder house is clear of platform. Shut off engine and remove key.



H36264
-JUN-13OCT88

PICKUPS,AD,AK -19-27DEC88

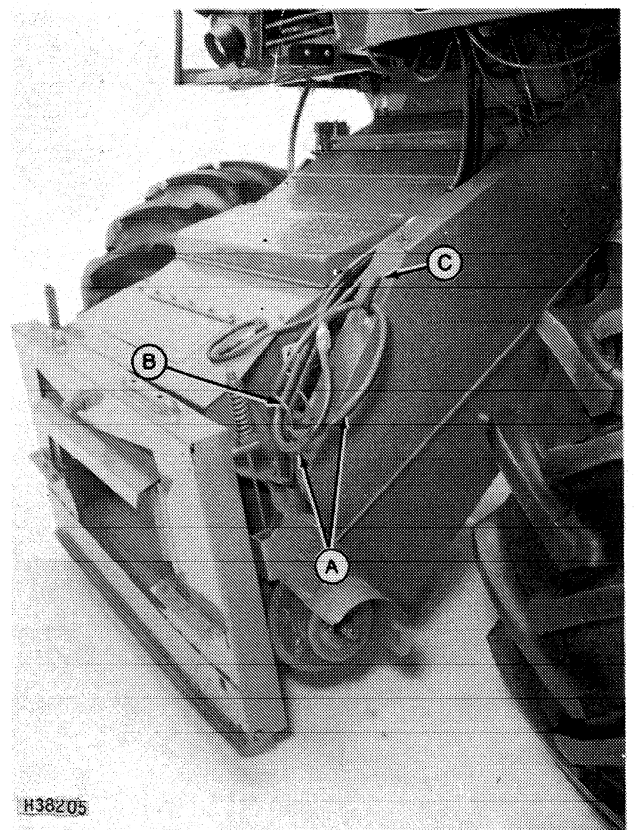
Disconnect both variable feeder house hoses at couplers (A) on left side of feeder house only if changing to a platform.



H38203
-JUN-13OCT88

PICKUPS,AD,AL -19-27DEC88

IMPORTANT: Hoses must be connected together when disconnecting a header. Connect combine pressure hose to return hose as shown. If connection is not made, hydraulic system can be damaged by overheating from constant operation of relief valve. Store hoses as shown to prevent damage.

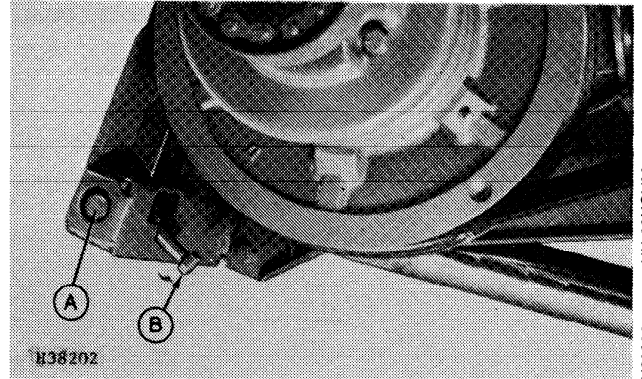


H38205
-JUN-13OCT88

PICKUPS,AD,AM -19-27DEC88

ATTACHING BELT PICKUP TO SIDEHILL 6620 COMBINE (610001-)

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



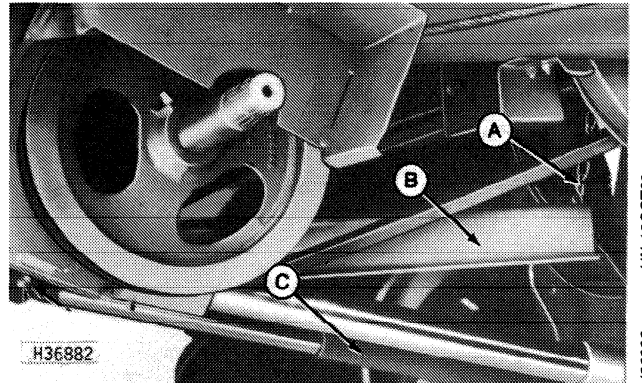
PICKUPS,AD,AN -19-27DEC88

-UN-28NOV89
H38202

Sound horn, start engine and lower feeder house.

Drive slowly forward until feeder house is centered in platform opening. Raise feeder house, lifting platform all the way up. Shut off engine and remove key.

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

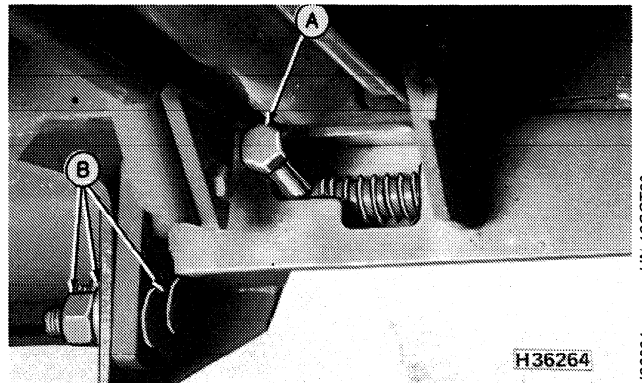


PICKUPS,AD,AO -19-27DEC88

-UN-13OCT88
H36882

(Both Sides) Pivot stop bolt (A) up, to let lock pin lock into platform.

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



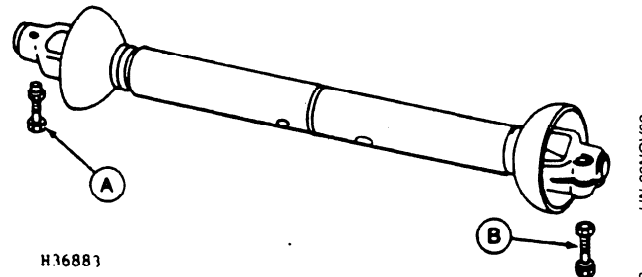
H36264

-UN-13OCT88
H36264

Install telescoping drive shaft between platform and feeder house.

Secure cap screw (B) on inner end of telescoping drive shaft and install 5/16 x 2-1/2 in. cap screws (A), lock washer and nut thru outer end.

Connect DIAL-A-MATIC harness if equipped.



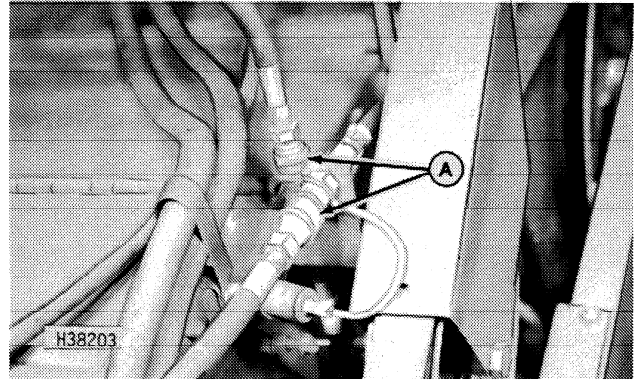
H36883

-UN-28NOV89
H36883

PICKUPS,AD,AP -19-27DEC88

Attaching and Detaching

Connect both variable feeder house hoses at couplers (A) on left side of feeder house.

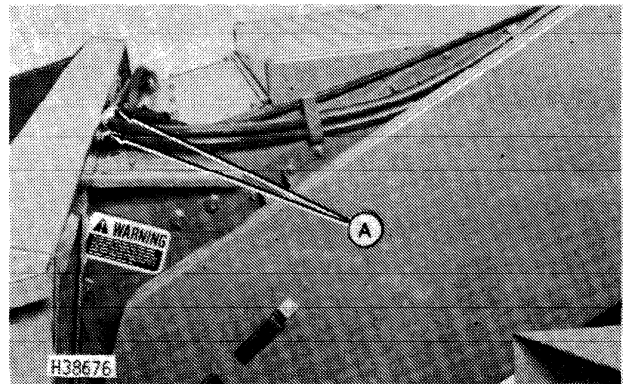


PICKUPS,AD,AQ -19-27DEC88

H38203 -UN-13OCT88

Fasten two hoses to connector at (A) from belt pickup motor. Lay hoses across feeder house as shown.

Sound horn, start engine and move feeder house speed lever rearward to close bottom variable sheaves. Minimum speed on digital tach. Shut off engine and remove key.



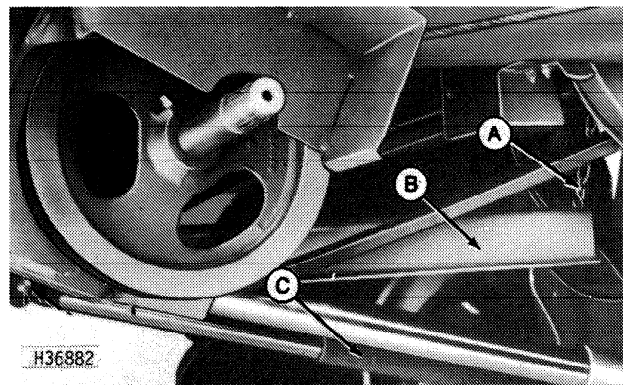
PICKUPS,AD,AR -19-27DEC88

H38676 -UN-02FEB90

DETACHING BELT PICKUP FROM SIDEHILL 6620 COMBINES (610001-)

Sound horn, start engine and raise platform all the way up. Shut off engine and remove key.

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

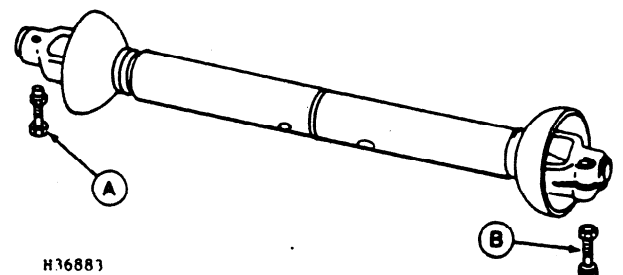


PICKUPS,AD,AS -19-27DEC88

H36882 -UN-13OCT88

(Right-Hand Only) Loosen cap screw (B) on inner end and remove cap screw (A) then disconnect telescoping drive shaft at feeder house (shaft stays with header).

Disconnect DIAL-A-MATIC harness if equipped.



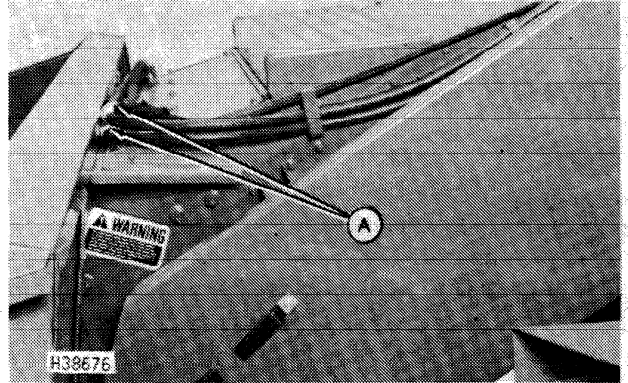
Left-Hand Drive Shaft

PICKUPS,AD,AT -19-27DEC88

H36883 -UN-28NOV89

Attaching and Detaching

Disconnect two hoses from connectors at (A) from belt pickup motor. Long hoses stay with platform.



PICKUPS,AD,AU -19-27DEC88

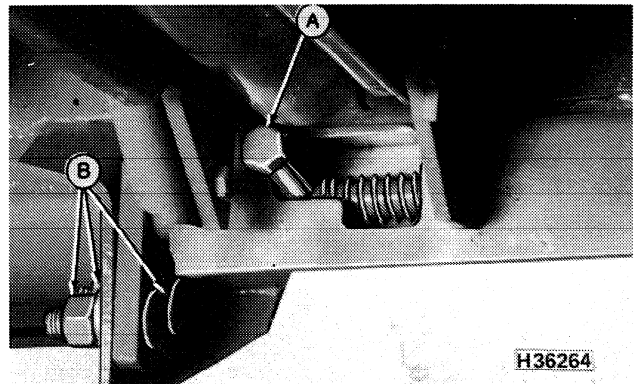
H33676
-UN-02FEB90

(Both Sides) Slide and pivot stop bolt (A) down, to let lock pin unlock platform.

Raise safety stop and hook on chain.

Sound horn, start engine and lower feeder house until platform is on ground and pivot blocks are free.

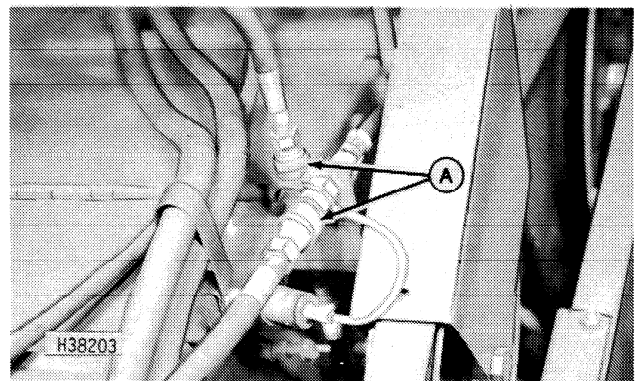
Drive slowly rearward until feeder house is clear of platform. Shut off engine and remove key.



PICKUPS,AD,AV -19-27DEC88

H36264
-UN-13OCT88

Disconnect both variable feeder house hoses at couplers (A) on left side of feeder house only if changing to a platform.

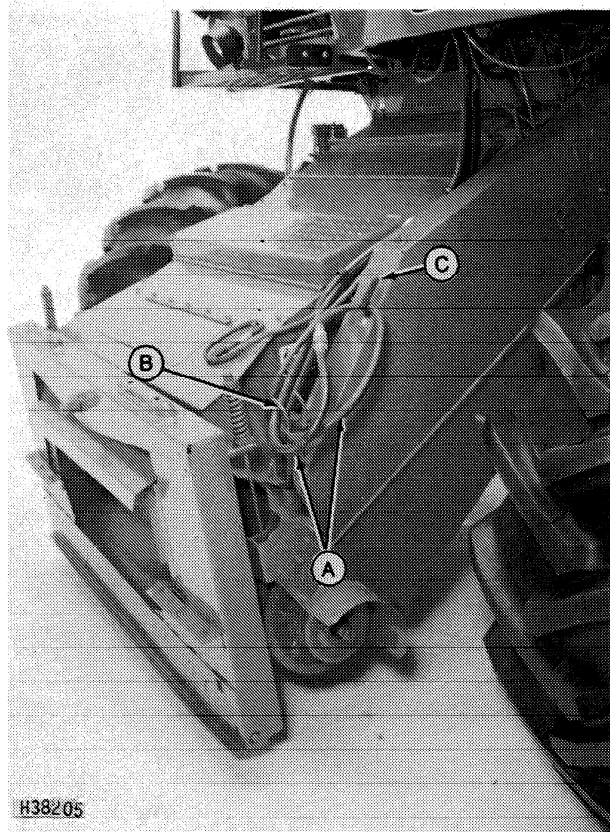


PICKUPS,AD,AW -19-27DEC88

H38203
-UN-13OCT88

IMPORTANT: Hoses must be connected together when disconnecting a header. Connect combine pressure hose to return hose as shown. If connection is not made, hydraulic system can be damaged by overheating from constant operation of relief valve.

Route hoses (A) through holder (B) and store on holder (C).



PICKUPS,AD,AX -19-27DEC88

H38205 -JUN-13OCT88

Transporting

Check local width laws before transporting.

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

Empty grain tank.

Swing unloading auger back and secure with transport brace.

Turn on combine flashing warning lights, unless prohibited by local law.

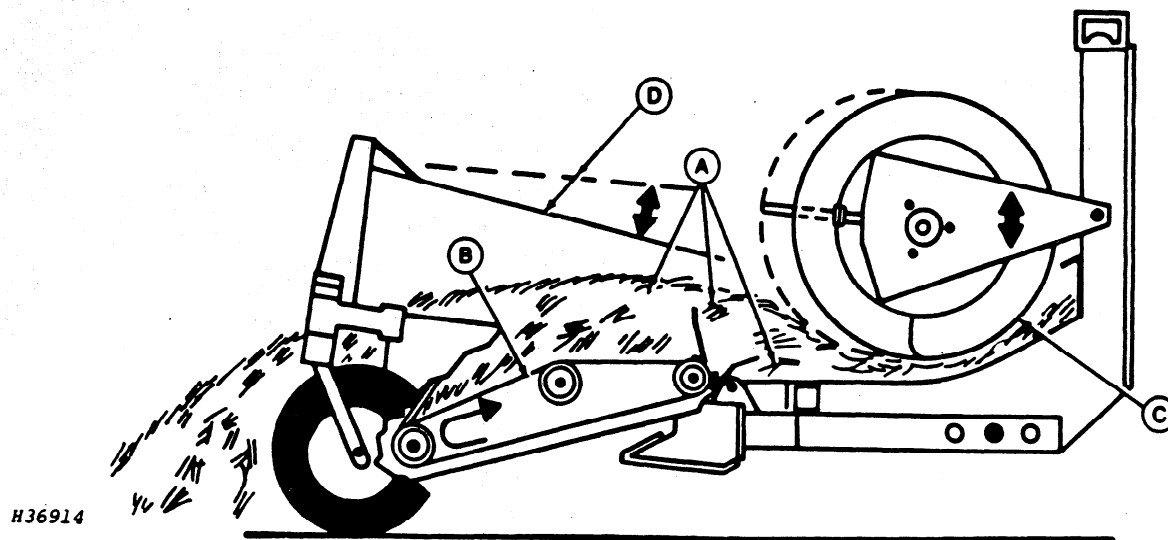
Couple combine brake pedals together.

Raise pickup platform to a position that will keep it off the ground but still allow good visibility.

PICKUPS,TR,A -19-27DEC88

Operation

GENERAL INFORMATION



A—Crop Flow

B—Pickup Belts

C—Auger

D—Floating Hold Down

The belt pickup platform receives the crop (A) and moves it to front of feeder house by means of belts (B) and auger (C). Retracting fingers in auger feed

material to the feeder conveyor. The floating hold down (D) helps keep flow of crop even.

PICKUPS,OP,A -19-27DEC88

H36914 -JUN-02FEB90

PICKUP SPEED

Successful operation depends largely upon speed and pitch of belt pickup.

If the crop is pushed ahead of belt pickup or if it does not release from stripper, pickup speed is too slow.

If windrow is torn apart as it is elevated onto platform, pickup speed is too fast.

Hydrostatic belt pickup drive on all self-propelled combines lets the operator vary speed of belt pickup without leaving operator's platform.

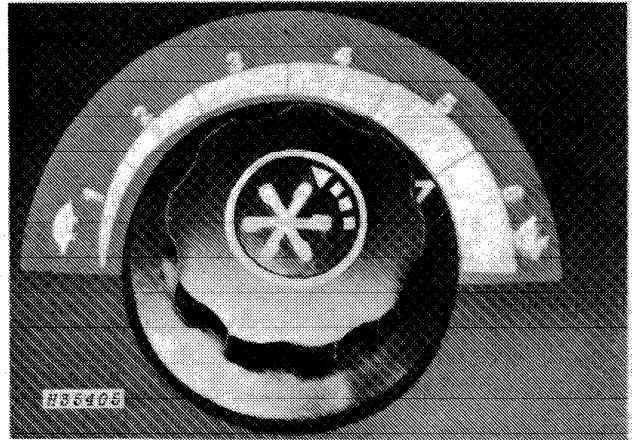
Belt pickup speed is changed from 50 rpm to 450 rpm by turning control knob on console (20 Series Combines) or by pressing the manual reel speed switch (Maximizer Combines).

(20 Series Combines) To increase pickup speed, turn knob to the right; to decrease pickup speed, turn knob to the left.

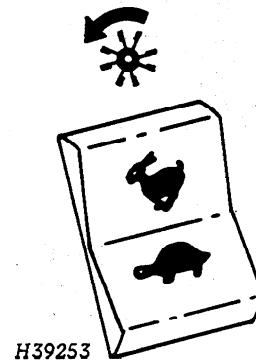
(Maximizer Combines) To increase pickup speed, press and hold rabbit symbol; to decrease speed, press and hold turtle symbol.

Use reference indicator to return to speed previously found best suited for a particular crop or field condition.

If this belt pickup is used with a 20 Series combine (625001-), maximum pickup speed may be too slow. If this is unacceptable, install AH83518 pickup drive pump sheave.



H35405 -UN-02FEB90



H39253 -UN-11OCT88

PICKUP PITCH

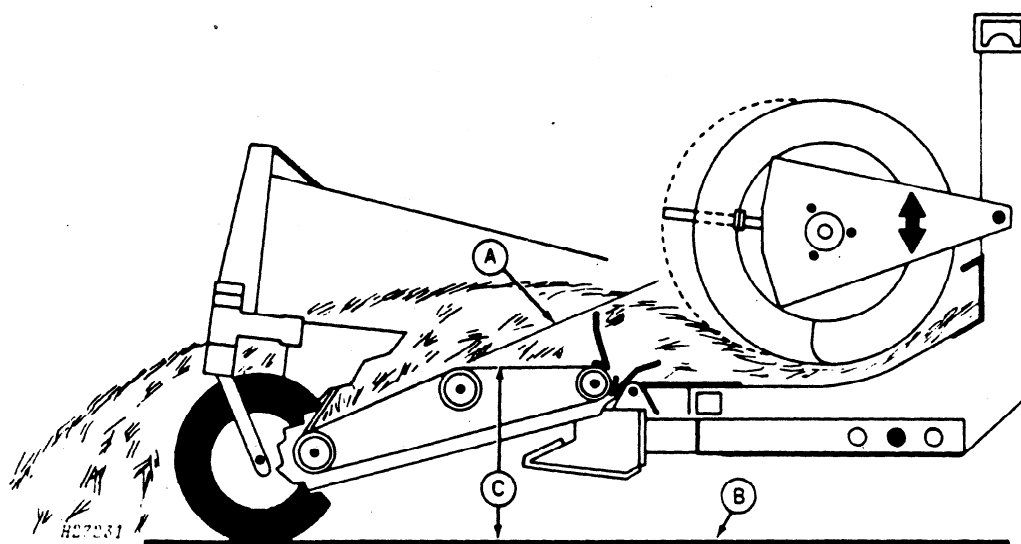
In addition to proper speed, correct pitch of belt pickup is important for good pickup operation.

By raising or lowering platform, pitch can be changed for varying field and crop conditions. Raise platform to increase pitch; lower platform to decrease pitch.

If pitch is altered considerably, check distance between pickup fingers and ground. If fingers are digging into ground, lower gauge wheel; if fingers are not low enough to gather all the crop, raise gauge wheel. See Adjusting Gauge Wheels.

PICKUPS,OP,C -19-27DEC88

PICKUP PITCH (NORMAL WINDROW CONDITION)



A—Pitch Line

B—Ground Line

C—Parallel to Ground Line

If ground conditions are normal and windrow is lying on top of stubble and off the ground, operate belt pickup as level as possible between center and drive rollers.

IMPORTANT: This portion of belt pickup must be parallel with ground, for good pickup and direct feeding to platform auger.

NOTE: Platform is set in 4 in. (102 mm) forward position. Rear position is used for short crops or damp windrow conditions. 4 in. (102 mm) forward position is used for medium length crops. 8 in. (203 mm) forward position is used for long straw crops.

UN-02FEB90

H27231

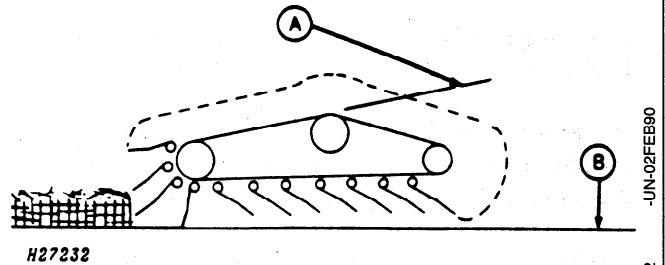
PICKUPS,OP,AC -19-31JAN90

PICKUP PITCH (POOR WINDROW CONDITION)

If windrow is embedded in stubble, if stubble is short, or if windrow is lying on ground, decrease the pitch of pickup. This lets more fingers come closer to ground, for better combing action.

IMPORTANT: Do not decrease pitch to a point where pickup bottom is parallel with ground. This lets lower mounting arms dig into ground in dips and swales and cause serious damage to platform.

When pitch is decreased, pickup fingers can pick up dirt. To eliminate this condition, lower gauge wheels 1/2 inch (13 mm) at a time until fingers no longer dig into ground. (See Adjusting Gauge Wheels.)



A—Pitch Line

B—Ground Line

PICKUPS,OP,D -19-27DEC88

PICKUP PITCH (ROCKY CONDITIONS)

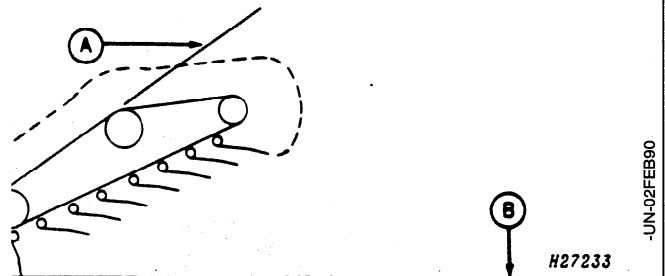
Increase pitch of belt pickup only in rocky conditions to prevent rocks from being carried into platform auger. Check and clean stone traps daily.

IMPORTANT: When operating in this position, gauge wheels must be in full contact with ground to prevent missing strips of crop.

Increased pitch may feed windrow higher than normal to auger.

Adjust hold-down to its lowest position and reduce speed of belt pickup.

IMPORTANT: Do not operate belt pickup without flow of grain over belts. Without grain flow rapid stripper wear occurs.



A—Pitch Line

B—Ground Line

PICKUPS,OP,E -19-27DEC88

PICKUP HEIGHT

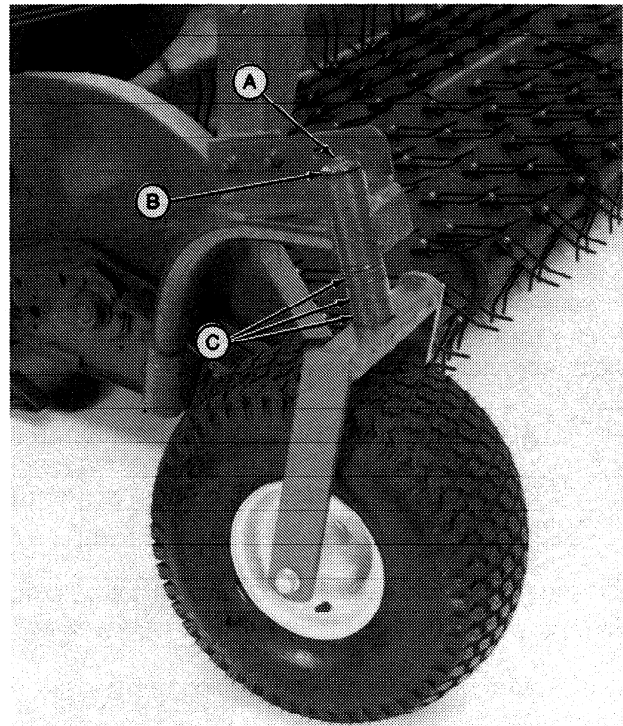
If pitch is altered considerably, check distance between pickup fingers and ground. Operate belt pickup just low enough to allow pickup fingers to gather in all the crop, but high enough so fingers do not dig into ground.

Distance between pickup fingers and ground is regulated by adjusting gauge wheels up or down. If fingers are digging into ground, lower gauge wheels. If fingers are not low enough to gather all the crop, raise the gauge wheels.

PICKUPS,OP,F -19-27DEC88

ADJUSTING GAUGE WHEELS

To raise gauge wheel, remove cap screw (A) and washer (B) and position spacers (C) on top of yoke bearing, or position spacers (C) below yoke bearing to lower gauge wheel. Replace washer (B) and cap screw (A).



H42471

-UN-17JAN91

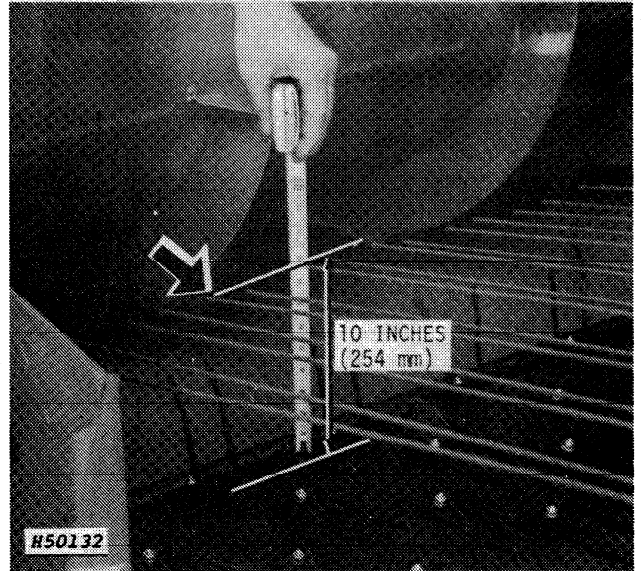
H42471

PICKUPS,OP,G -19-28JAN91

ADJUSTING WINDROW HOLD-DOWN

The windrow hold-down (which is free to float) eliminates bunching and overriding by deflecting windrow downward into platform auger.

Hold-down must be adjusted so bottom of fingers are 10 in. (254 mm) from roller as shown. This is important to assure proper feeding under platform auger.



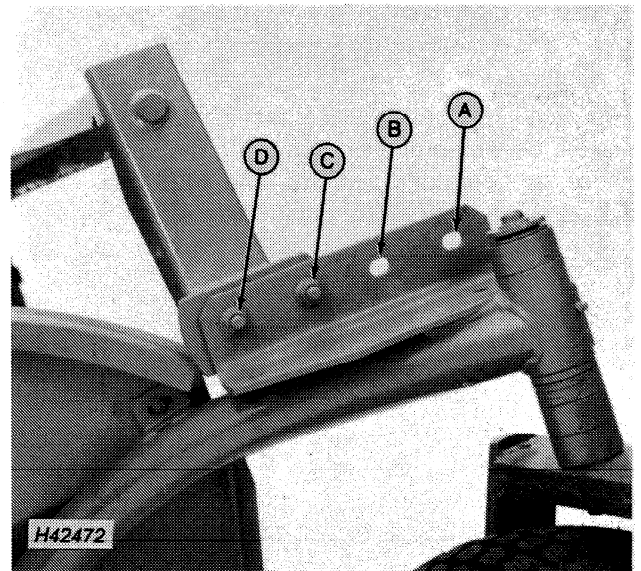
PICKUPS,OP,H -19-27DEC88

NOTE: Readjust hold-down when pickup is adjusted in or out.

When pickup is in rear position, install hold-down in holes (A) and (B).

When pickup is in mid-position, install hold-down in holes (B) and (C).

When pickup is in outer position, install hold-down in holes (C) and (D).



PICKUPS,OP,I -19-28JAN91

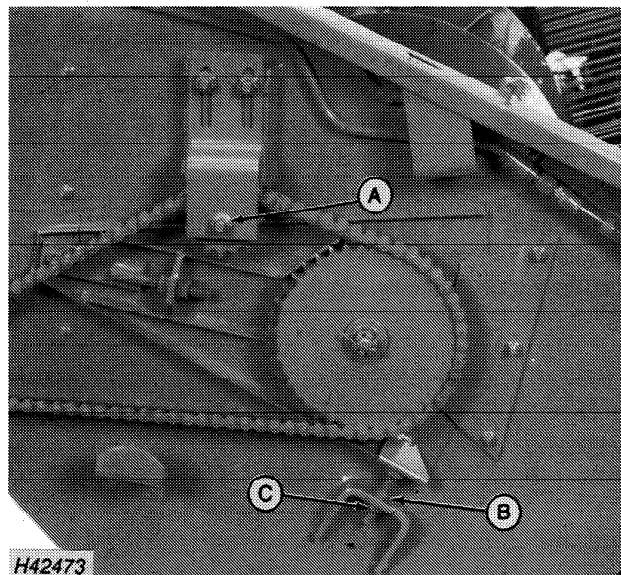
ADJUSTING AUGER

Loosen chain tightener (A).

Adjust auger to 1/4 in. (6 mm) between auger flights and bottom of platform. Loosen nut (B) and tighten nut (C) to move auger down. Loosen nut (C) and tighten nut (B) to move auger up. Tighten nuts (B) and (C).

Tighten chain tightener (A).

IMPORTANT: Pickup drive shaft must be attached to combine before checking chain tension. Chain must deflect 1 in. at 20 lbs. (88 N) of pull at mid span when auger is at bottom of travel.



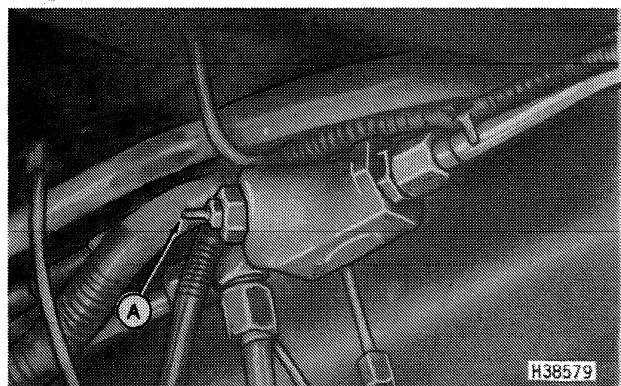
PICKUPS,OP,J -19-28JAN91

ADJUSTING BELT PICKUP DROP RATE (20 SERIES COMBINES)

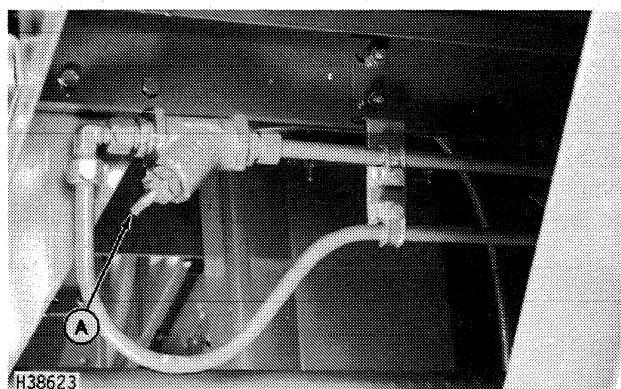
The drop rate valve controls rate of drop of the belt pickup. On self-propelled combines the valve is located under the operator's platform. The 4425 drop rate valve is on the upper front right-hand side of separator in back of cross auger drive chains. The 7721 drop rate valve is located on front of undercarriage next to hitch tube.

Main control valve drop rate must be adjusted before the DIAL-A-MATIC drop rate valve. See combine operator's manual. The main control valve drop rate is not adjustable on 4425 combines. For best results adjust in actual field soil conditions. If drop rate is adjusted on concrete or hard surface it might require readjustment (slower) when in the field.

1. Turn adjusting screw (A) out until the platform "hunts" or cycles up and down. The initial setting of the drop rate valve adjusting screw is eight complete turns out, after screw has been completely turned in.
2. Turn adjusting screw in until platform stops "hunting".
3. Turn adjusting screw in an additional 1/2 turn.



6620-7720-8820 Combines



4425 Combine

PICKUPS,OP,M -19-27DEC88

ADJUSTING ACTUATING SWITCH (20 SERIES COMBINES)

When gauge wheels are over 15 in. (381 mm) above ground, the actuating switch is off, turning off the DIAL-A-MATIC system.

Shutting off the system in this way lets the operator turn around into a new windrow or unload, without turning off the control switch on the instrument panel.

When driving into a new windrow, lower the header to 15 in. (381 mm) above ground. This makes the actuating switch go on and the DIAL-A-MATIC system is turned on.

One end of chain (B) is attached to the feeder house; the other end is attached to an actuator arm. When the header is lowered, chain (B) pulls the actuator arm away from actuator switch, making it go on. Adjust chain (B) so the switch goes on when header is within 15 in. (381 mm) of ground.

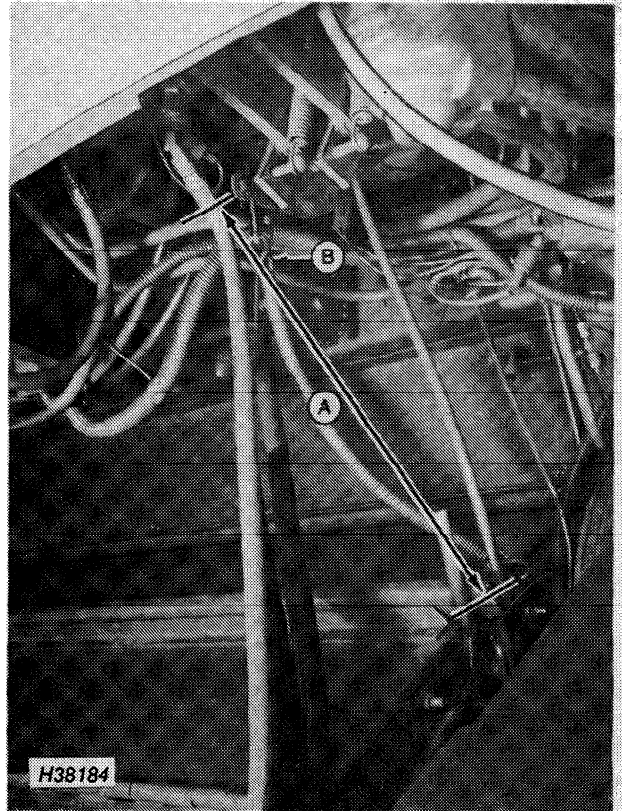
If chain is too long, it will not release actuating switch and DIAL-A-MATIC will not operate.

If chain is too short, the header can be raised manually, but will continue to lower when lever is released. If the chain is adjusted too short, system will not shut off unless the control switch is turned to "OFF" position.

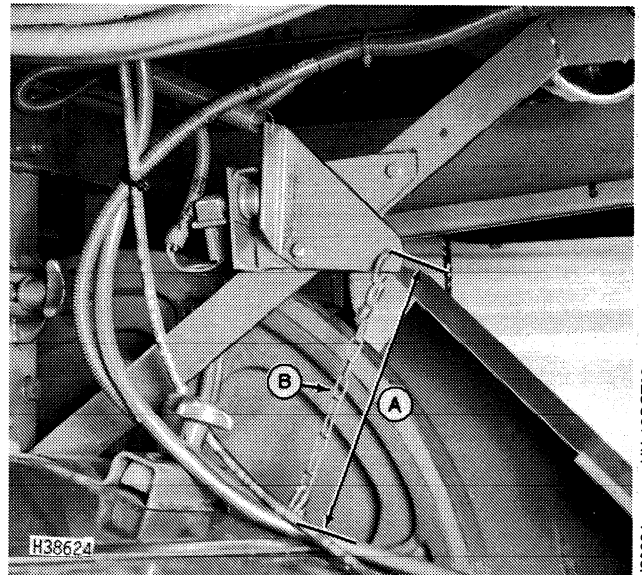
Adjust chain (A) to about 18 in. $\pm$ 1/2 in. (457 mm $\pm$ 13 mm) 4425 Combine, 17 in. $\pm$ 1/2 in. (432 mm $\pm$ 13 mm). 6620-78720-8820 Combines, 7-1/2 in. $\pm$ 1/2 in. (190 mm $\pm$ 12 mm) 7721 Combine. Measure from attaching point on the feeder house to the hole in pivoting bracket under front of the combine. This includes the "S" link connectors. This length opens the actuating switch about 15 in. (381 mm) 4425, 6620-7720-8820 Combines, 6-1/2 in. (165 mm) 7721 Combine, above ground. Additional adjustment might be necessary.

Adjust chain by inserting "S" link in different chain link.

Adjust eyebolt to fine tune between links.



7720 Combine Shown

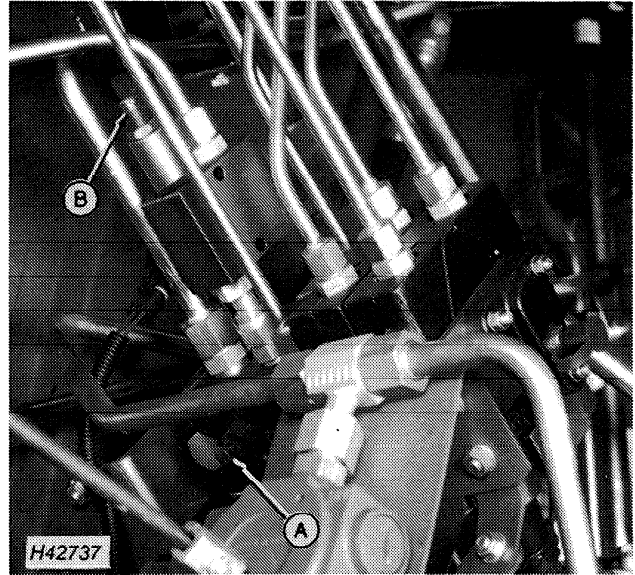


4425 Combine Shown

ADJUSTING PLATFORM DROP RATE (MAXIMIZER COMBINES)

Loosen nut and turn screw (A) out for faster drop, in for slower drop. Tighten nut after adjustment.

On combines with DIAL-A-MATIC, adjust drop rate as described above, open accumulator two turns and adjust screw (B) as needed.



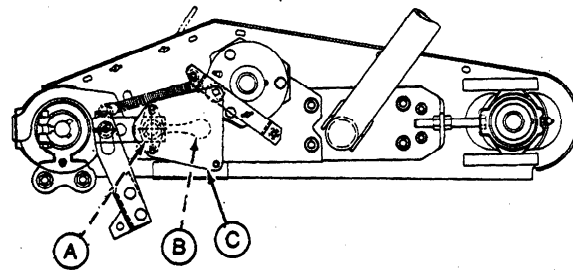
-UN-25OCT80
H42737

PICKUPS,OP,O -19-28JAN91

DIAL-A-MATIC HEADER HEIGHT CONTROL

The belt pickup operated within a 2 in. (51 mm) float range. When the ground level moves the gauge wheels up, actuator arm (A) turns wiper arm (B) in housing (C). The movement of the wiper arm contacts one of five printed circuit pads in the housing.

The pad that is contacted turns on the system for raising or lowering the header. See Housing Adjustment.



H37760

-UN-25AUG89
H37760

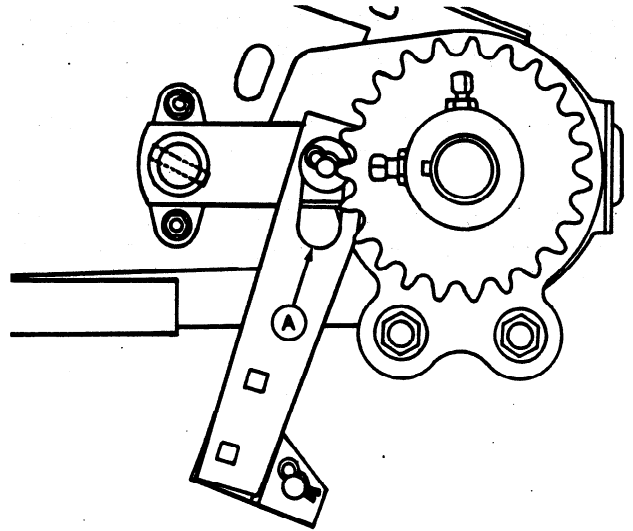
PICKUPS,OP,P -19-27DEC88

ADJUSTING LINKAGE (DIAL-A-MATIC)

Before adjusting linkage, belt pickup must be on level ground or lifted with feeder house safety stop down.

If either left-hand or right-hand linkage is not in top of slot (A) loosen two adjusting bolts (B) on right-hand side and relocate linkage to top of slot. Retighten two adjusting bolts (B).

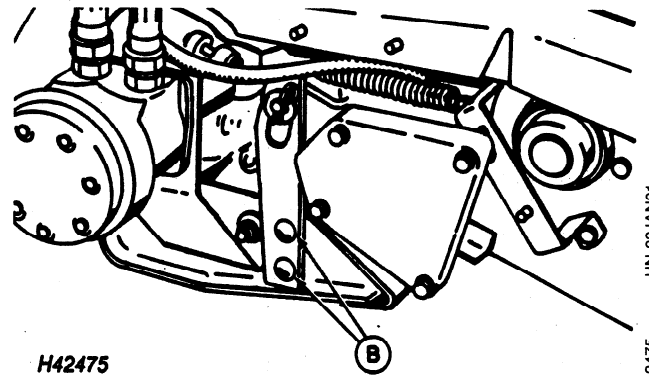
IMPORTANT: Linkage must be adjusted to top of slot on both sides.



H42474

-UN-22JAN91

H42474



H42475

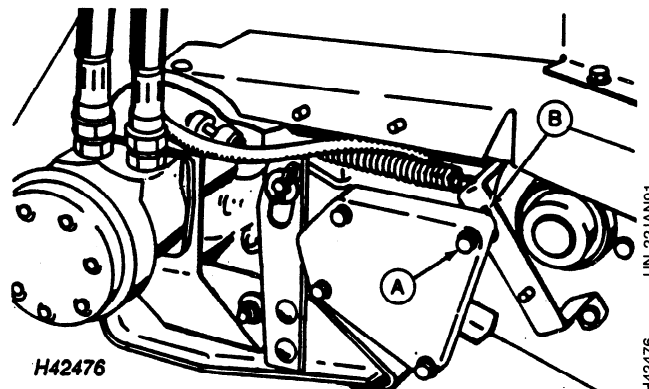
-UN-22JAN91

H42475

PICKUPS,OP,K -19-28JAN91

ADJUSTING HOUSING (DIAL-A-MATIC)

Loosen nut (A) and adjust housing to the middle of slot (B). This lets the belt pickup operate in a normal crop when cab switch is in second position. For poor windrow conditions, switch must be in first position and for rocky conditions, the switch must be in third position. See Pickup Pitch.



H42476

-UN-22JAN91

H42476

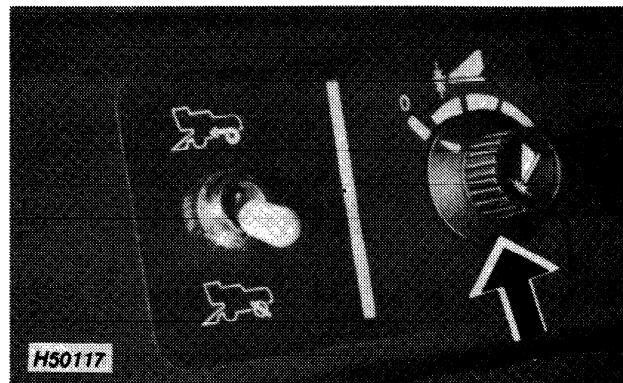
PICKUPS,OP,L -19-28JAN91

DIAL-A-MATIC ELECTRICAL SYSTEM (20 SERIES COMBINES)

The electrical system consists of four position control switch located on the instrument panel, and an actuating arm riding on the printed circuit in a housing, a circuit box, an amplifier and connecting harnesses. The electrical system turns on the hydraulic system.

By operating the control switch, the DIAL-A-MATIC is turned off or on and set to one of three positions.

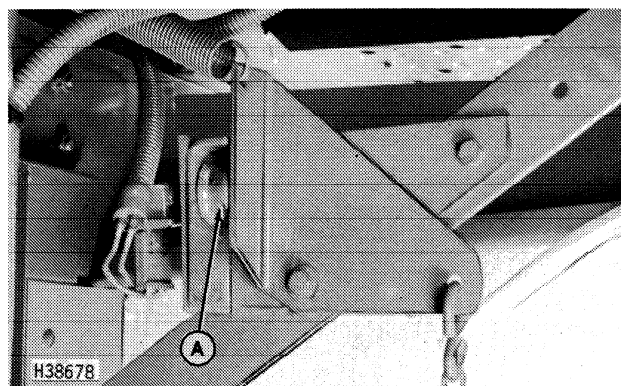
IMPORTANT: Turn off DIAL-A-MATIC when transporting the combine.



6620, 7720 and 8820 Combines

PICKUPS,OP,Q -19-09JAN90

The actuating switch (A) is located under the front of the combine. The switch shuts off DIAL-A-MATIC when the header is raised about 15 in. (381 mm) above the ground. A chain turns on the switch when the header is lowered.



Switch Off—4425 Combine

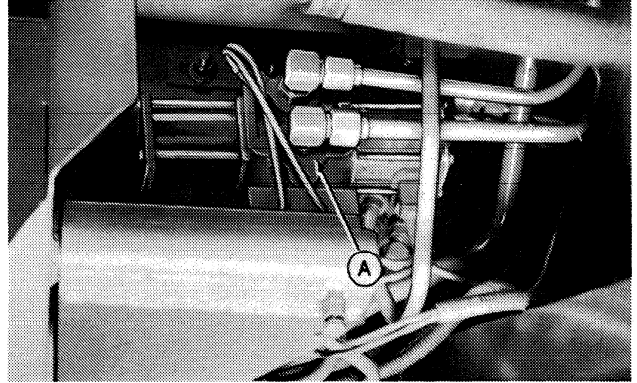
PICKUPS,OP,R -19-27DEC88

DIAL-A-MATIC HYDRAULIC SYSTEM (20 SERIES COMBINES)

The hydraulic system supplies hydraulic oil to header lift cylinders to raise or lower header. The system consists of header lift cylinders, drop rate valve and auto header valve. The hydraulic system is started by the electrical system. Hydraulic oil is supplied from a pressure port in main control valve.

PICKUPS,OP,S -19-27DEC88

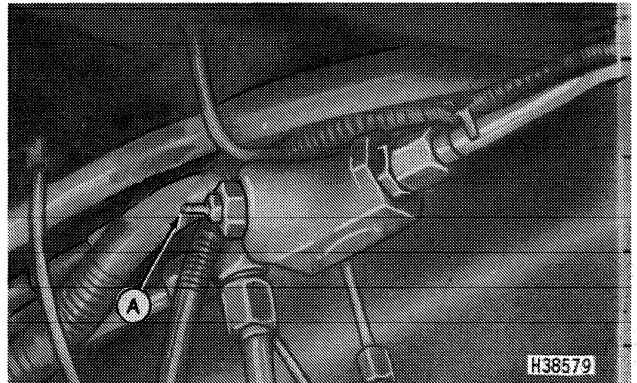
The auto header valve (A) gets oil from the unloading auger control valve. Oil flowing between the auto header valve and header lift cylinders is directed through the drop rate valve. Return oil is directed back to the main reservoir. When the DIAL-A-MATIC is not activated, a check valve in the auto header valve and a lockout poppet in the main hydraulic system control valve, trap oil to support header.



PICKUPS,OP,T -19-09JAN90

H38580
-UN-13OCT88

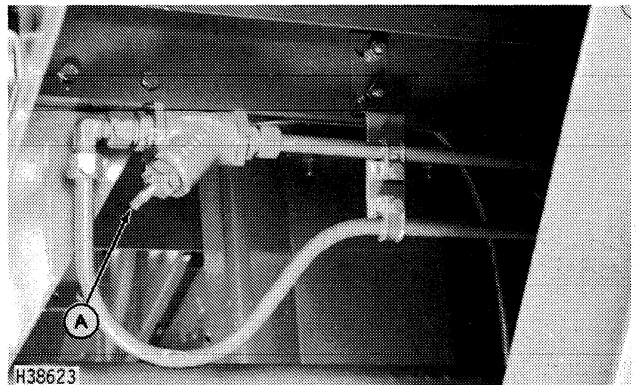
The drop rate valve (A) controls pressure oil to header lift cylinders and controls rate of drop of header. Two small orifices in drop rate valve poppet meter oil returning to the reservoir. An adjusting screw changes the size of this orifice, for ground conditions.



PICKUPS,OP,U -19-09JAN90

H38579
-UN-13OCT88

Location of 4425 drop rate valve is on the upper front right-hand side of separator in back of cross auger drive chains.



PICKUPS,OP,V -19-09JAN90

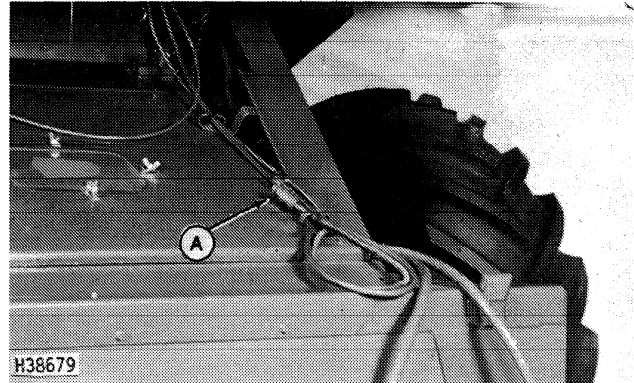
H38623
-UN-13OCT88

DISCONNECTING DIAL-A-MATIC (20 SERIES COMBINES)

Disconnect wiring harness for DIAL-A-MATIC when header is removed from combine.

Unscrew connectors. Coil harness and secure. Cover end (A) with tape or a bag.

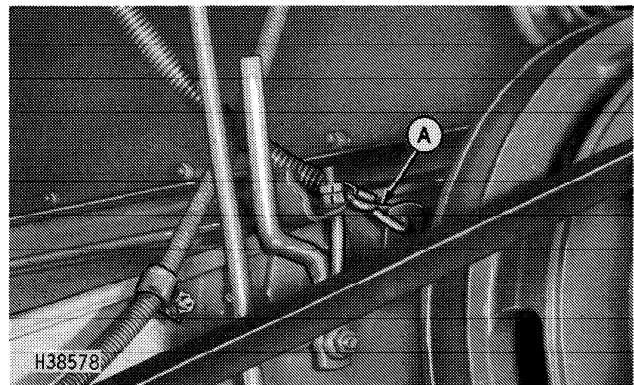
When removing feeder house from separator, disconnect wiring harness as shown. Coil harness and store on front of the combine for future use.



H38679 -UN-25AUG89

PICKUPS,OP,W -19-27DEC88

Disconnect switch chain by slipping "S" hook (A) out of bracket.



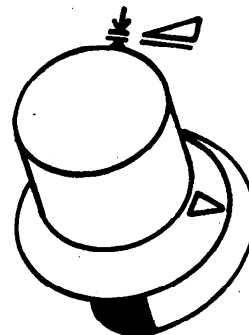
H38578 -UN-13OCT88

PICKUPS,OP,X -19-09JAN90

DIAL-A-MATIC ELECTRICAL SYSTEM (MAXIMIZER COMBINES)

The electrical system consists of sensor (located on the header), header wiring harness (located on the header), selector switch (located in the armrest), dial-a-matic card (located in the central electronics box and hydraulic valve (located near the hydraulic stack).

H39380

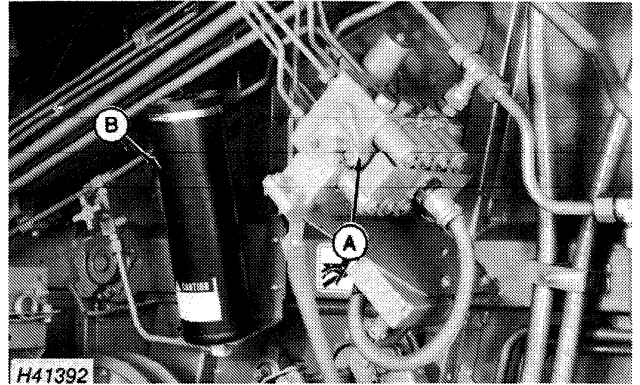


H39380 -UN-11OCT88

PICKUPS,OP,Y -19-09JAN90

DIAL-A-MATIC HYDRAULIC SYSTEM (MAXIMIZER COMBINES)

When raising the header, the DIAL-A-MATIC system activates solenoids on the solenoid control valve (A). Oil flows from the main hydraulic pump, through the DIAL-A-MATIC orifice and then to accumulator (B). During normal field operation, when the nitrogen gas pressure equals cylinder pressure, oil flows into header lift cylinders.



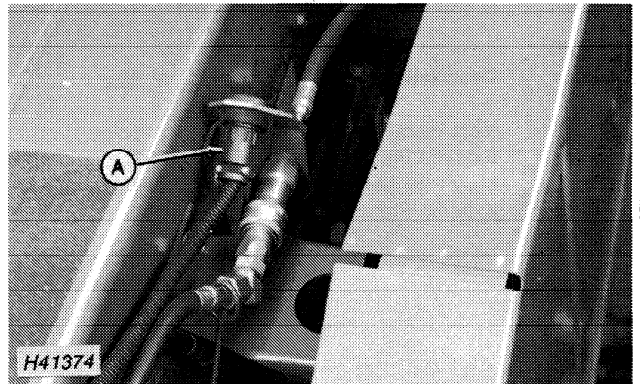
H41392

H41392
-UN-17OCT89

PICKUPS,OP,Z -19-09JAN90

DISCONNECTING DIAL-A-MATIC (MAXIMIZER COMBINES)

Disconnect DIAL-A-MATIC harness (A) from platform harness and install harness in storage position on left-hand side of feeder house.



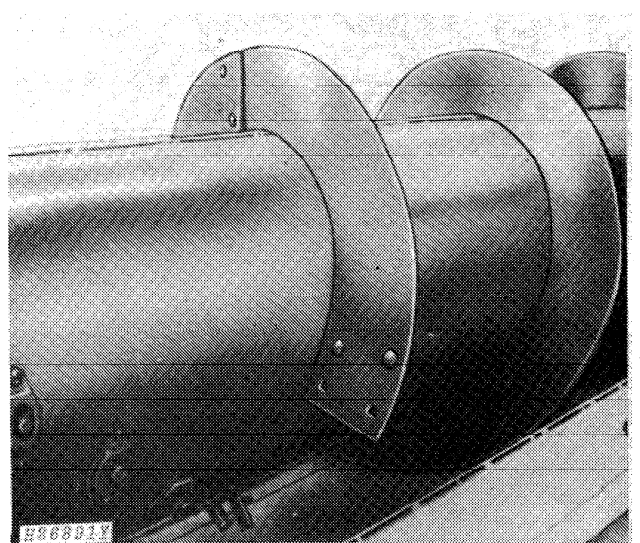
H41374

H41374
-UN-11SEP89

PICKUPS,OP,AA -19-09JAN90

AUGER FLIGHT EXTENSIONS (ATTACHMENT)

Auger flight extensions are recommended for use in short, slick feeding conditions. Extensions help move crop closer to center of feeder hose for even feeding to cylinder.



H26891

H26891
-UN-18DEC89

PICKUPS,OP,AB -19-27DEC88

Lubrication

Greases

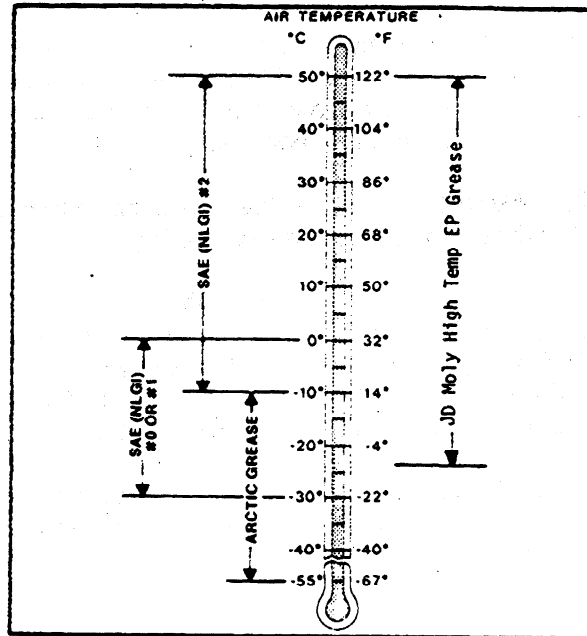
The following greases are recommended for John Deere Belt Pickups:

—John Deere Moly High Temperature/Extreme Pressure Grease

—SAE Multipurpose High Temperature Grease with Extreme Pressure (EP) Performance and 3 to 5% molybdenum disulfide.

IMPORTANT: If grease fitting is missing, replace immediately. Clean fittings thoroughly before using grease gun.

Product Number	Description	Size	Pkg. Qty.
TY6333	Moly High-Temperature Extreme Pressure Grease	14 oz. Tube	1
TY6347	Moly High-Temperature/Extreme Pressure Grease	1 lb.	1

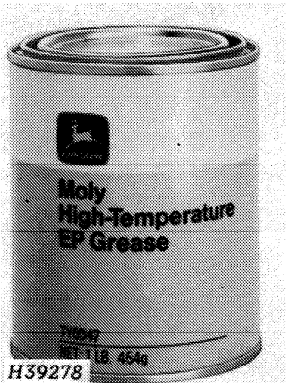


TS0153 -19-23MAR89

PICKUPS,LU,A -19-28JAN91

KEEP LUBRICANTS CLEAN

Use only high-grade lubricants which have been stored in clean containers. Wipe away all grease and dirt before removing filler caps or plugs. Wipe grease fittings clean before lubricating.



H39278 -UN-27JUL89

PICKUPS,LU,B -19-09JAN90

Lubrication and Maintenance

LUBRICATION SYMBOLS

IMPORTANT: Recommended service intervals are for average conditions. Service **MORE OFTEN** if platform is operated under adverse conditions.



CAUTION: Never lubricate or service platform while combine engine is running.

Lubricate with John Deere Moly High Temperature/Extreme Pressure lubricant or an equal SAE Multipurpose High Temperature Grease with Extreme Pressure (EP) performance and 3 to 5 per cent molybdenum disulfide at hours shown on the symbol.

Add John Deere SAE 80W/90 Gear Lubricant or an equal GL-5 multipurpose type gear oil to cutterbar drive gearcase as needed.

PICKUPS,LM,A -19-09JAN90

CHAINS - EVERY TEN HOURS OF OPERATION



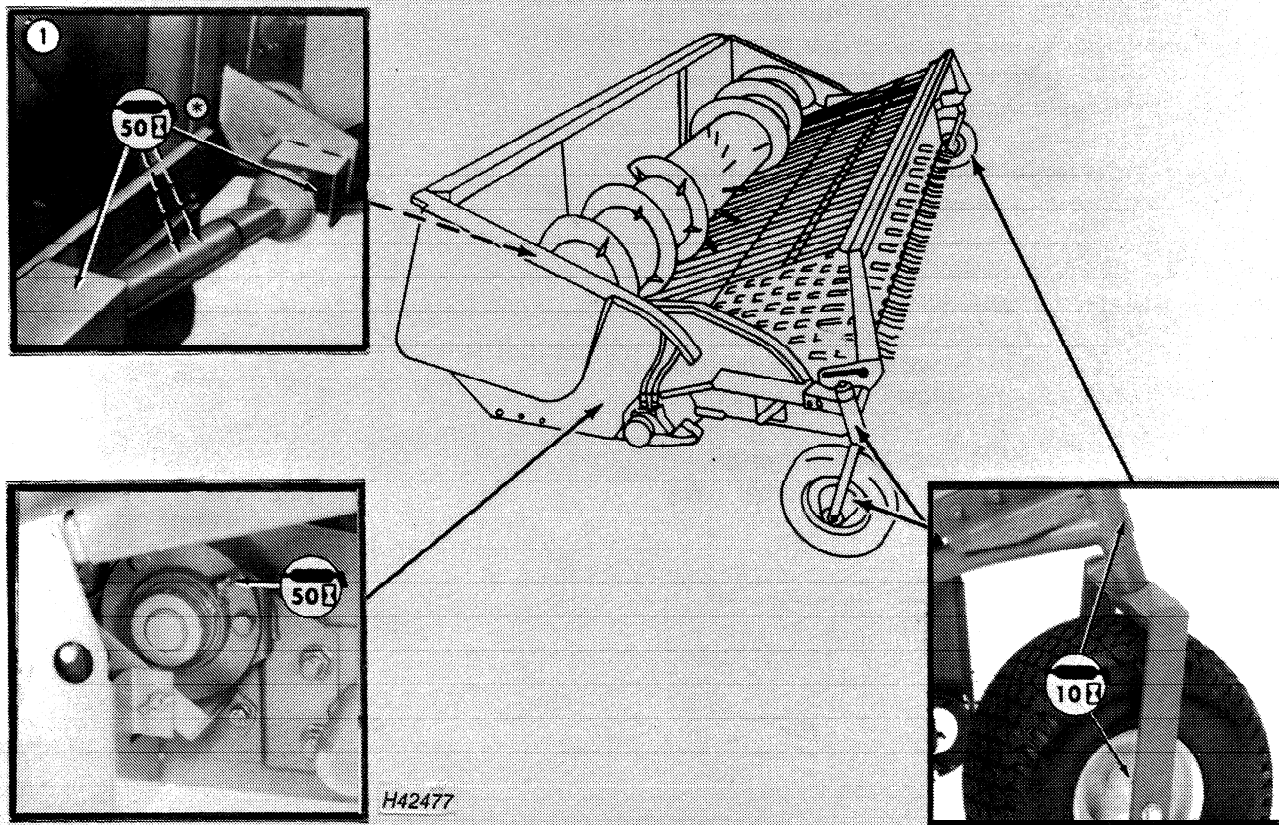
CAUTION: Never lubricate chains with engine running.

Lubricate chains every ten hours of operating with SAE 30 or heavier oil. Run chain before lubricating. A warm chain increases the penetration of oil between pins and bushings. Shut off combine engine, remove key and lubricate chains.

John Deere TY6240 chain lube is available in an aerosol can.

PICKUPS,LM,B -19-09JAN90

EVERY 10 AND 50 HOURS OF OPERATION



1. Grease Header Drive Shafts (SideHill 6620)

- Disconnect drive shaft from feeder house.
- Align access holes in shaft shields with one of the grease fittings on the drive shaft.
- Lubricate.

- Rotate Shaft 180° and lube second fitting on drive shaft.

2. (Both sides) Lubricate bearings (total of six)

- ### 3. (Both sides) Lubricate gauge wheel bearings and axle.

PICKUPS,LM,C -19-28JAN91

H42477 JUN-17JAN91

Trouble Shooting

BELT PICKUP

Majority of belt pickup operating problems can be traced to wrong adjustment. The Chart which follows will help you when problems develop by suggesting a probable cause and recommended remedy.

When you are trying to solve a problem, be certain source is not from some place other than where problem exists.

Symptom	Problem	Solution
Windrow difficult to pick up or strips of crop not being picked up.	Short crop down in the stubble embedded in drill or wheel furrows.	Raise gauge wheels to allow fingers to run closer to ground.
	Gauge wheels not always contacting ground.	Lower platform to allow pickup to operate at less pitch.
	Pickup speed too slow.	Increase pickup speed.
Picking up dirt.	Wrong gauge wheel setting.	Lower gauge wheels to prevent pickup fingers from digging in ground.
	Pitch of pickup too flat.	Raise platform so area between center and drive rollers is parallel with ground.
	Too much pickup speed.	Decrease speed of pickup.
Picking up stones.	Wrong gauge wheel setting.	Lower gauge wheels (1/2 in. [12.5 mm] at a time) to increase finger clearance to ground.
	Too much pickup speed.	Decrease speed of pickup.
	Pitch of pickup too flat.	Raise platform to increase pitch.
Pickup feeds too high on auger.	Too much pitch on pickup.	Lower platform so area between center and rear rollers is parallel with ground.
	Pickup too close to auger.	Move pickup to outer position.
	Hold-down fingers not adjusted right.	Adjust hold-down fingers to provide more compression of crop at rear of pickup.
Windrow rolls ahead of pickup.	Too much pickup speed.	Decrease speed of pickup.
	Speed of pickup too slow.	Increase speed of pickup.

Continued on next page

Trouble Shooting

Symptom	Problem	Solution
Material builds up at pickup stripper or builds up between pickup stripper and auger.	Speed of pickup too slow.	Increase speed of pickup.
		Move pickup to inner position.
	Platform auger not adjusted properly.	Adjust platform auger down.
Material bunching on pickup.	Wrong hold-down adjustment.	Raise hold-down to high position.
Platform auger plugging.	Auger not adjusted right.	Increase auger clearance to platform bottom. Check auger fingers.
Material not feeding properly into feeder house.	Short crop feeding conditions.	Adjust auger to platform stripper, auger to platform bottom, or auger flight extensions required.

PICKUPS,TS,A -19-27DEC88

DIAL-A-MATIC HEADER HEIGHT CONTROL (20 SERIES COMBINES)

The manual header lift control has priority over the DIAL-A-MATIC. When the switch is in the "OFF" position, the manual header lift control is not affected. When the switch is in the "ON" position, the header can be raised or lowered manually, overriding the DIAL-A-MATIC header height control. The DIAL-A-MATIC will function with the release of the header lift lever unless the actuating switch is incorrectly adjusted, or if the header is out of DIAL-A-MATIC range.

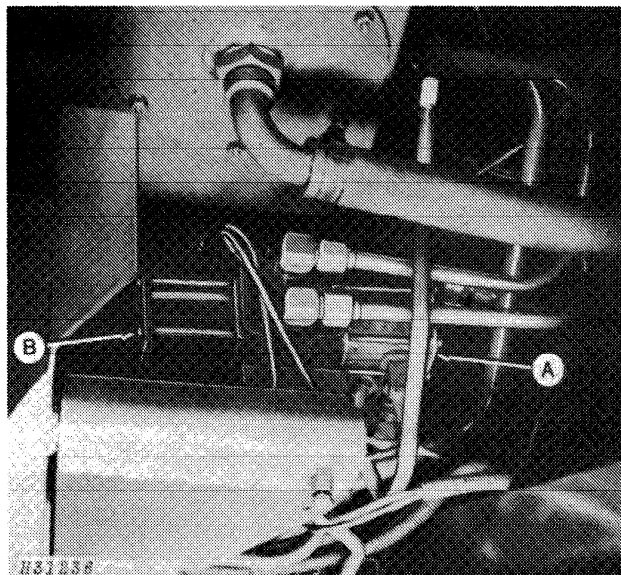
The first step in troubleshooting DIAL-A-MATIC problems is to determine if the problem is electrical or hydraulic.

The auto header valve is equipped with two manual push pins, one located in each end of the solenoids. By pressing either push pin, the auto header valve can be manually operated.

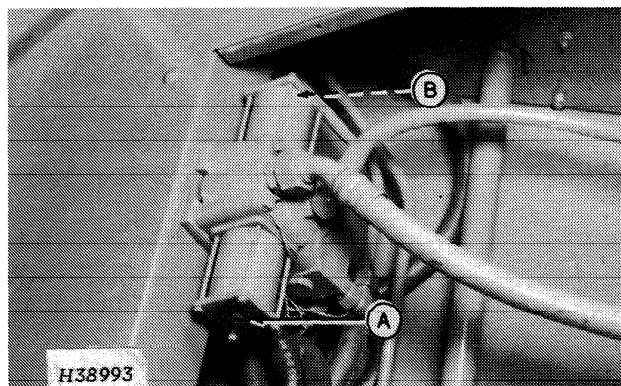
To determine if the problem is electrical or hydraulic, place the DIAL-A-MATIC switch in the "OFF" position, start engine and move throttle lever to the fast idle position. Press the manual push pin (A) in the "LOWER" solenoid on the auto header valve. The header must lower to the ground. Next, press the manual push pin (B) in the "RAISE" solenoid on the auto header valve. The header must raise. After pressing both push pins, the header raises and lowers correctly, the problem is electrical.

A—Manual Push Pin
"Lower" Solenoid

B—Manual Push Pin
"Raise" Solenoid



6620, Side-Hill 6620, 7720 and 8820



4425 Combine

DIAL-A-MATIC 9400, 9500 AND 9600 COMBINES

Symptom	Problem	Solution
DIAL-A-MATIC Will Not Operate	Manual raise or lower does not work.	See your John Deere dealer.
	DIAL-A-MATIC knob in the "OFF" position.	Set DIAL-A-MATIC knob to one of three positions. Momentarily depress header switch in hydro handle to activate system. See your combine operator's manual.
	Feederhouse to header connector not connected or loose.	Connect properly.
	Header sensor not properly connected or damaged.	Connect or repair sensor.
DIAL-A-MATIC Lowers But Will Not Raise.	Defective DIAL-A-MATIC relay or DIAL-A-MATIC card.	See your John Deere dealer.
DIAL-A-MATIC Raises But Will Not Lower	Defective DIAL-A-MATIC relay or DIAL-A-MATIC card.	See your John Deere dealer.
	Control shaft restricted.	Check for restriction.
	Auto drop rate valve closed.	Adjust in-line valve.
System Cycles or Hunts	Incorrect drop rate adjustment.	Adjust in-line valve.
	Incorrect accumulator setting.	See your combine operator's manual.
System Fails Intermittently After Manually Raising Header Over Obstacle.	System was de-activated.	To re-activate, momentarily depress header switch in hydro handle.
Header Raises or Lowers Too Slow or Too Fast.	Incorrect drop rate adjustment.	Adjust valve stack drop rate.
	In-line valve problem.	See your John Deere dealer.

PICKUPS,TS,C -19-28JAN91

DIAL-A-MATIC 6620, 7720 AND 8820 COMBINES

Symptom	Problem	Solution
DIAL-A-MATIC Will Not Operate	Defective control switch.	Replace control switch.
	Rubber boot is not correctly positioned on actuating switch.	Position rubber boot in groove in actuating switch plunger.
	Defective actuating switch.	Replace actuating switch.
	Loose connection on ignition switch.	Tighten connection.
	Loose connections on actuating switch.	Tighten connections.
	Actuating switch chain is adjusted too long and will not release switch.	Adjust actuating switch chain.
	Loose connection on auto header valve ground wire.	Tighten connection.
DIAL-A-MATIC Lowers But Will Not Raise	Main wiring harness on feeder house loose or disconnected.	Connect harness.
	Loose connections on auto header valve.	Tighten connections.
DIAL-A-MATIC Raises But Will Not Lower.	No voltage to raise coil.	See your John Deere dealer.
	Loose connections on auto header valve.	Tighten connections.
	No voltage to lower coil.	See your John Deere dealer.
System Cycles Too Much Or "Hunts".	Movement of control shaft under header is restricted.	Check shaft for restrictions.
	Incorrect adjustment of drop rate valve.	Adjust drop rate valve.
	Incorrect adjustment of accumulator shut off valve or accumulator precharge.	Adjust valve and/or precharge.
Header Was Raised Manually But Continues To Lower When Lever is Released.	Actuating switch chain is adjusted too short and will not actuate switch.	Adjust actuating switch chain.

Continued on next page

Trouble Shooting

Symptom	Problem	Solution
System Will Not Shut Off Unless Control Switch Is Turned "OFF".	Defective actuating switch.	Replace actuating switch.
	Actuating switch chain is adjusted too short and will not actuate switch.	Adjust actuating switch chain.
	Defective actuating switch.	Replace actuating switch.

PICKUPS,TS,D -19-28JAN91

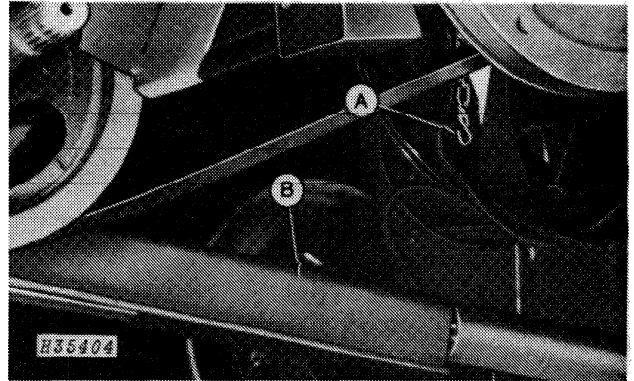
Service

HYDRAULIC CYLINDER SAFETY STOP

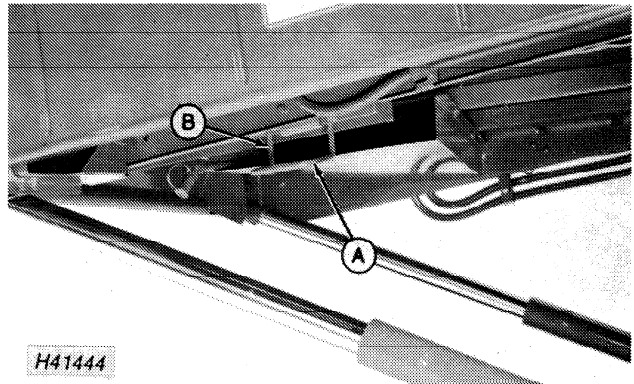
CAUTION: When working under the header, always place the hydraulic cylinder safety stop in safety position to prevent header from lowering.

1. Start engine, raise feeder house and fully extend hydraulic cylinder to place safety stop in safety position.
2. (20 Series Combines) Disconnect support chain (A) from safety stop (B) and lower safety stop onto the cylinder rod.
3. (Maximizer Combines) Hold handle (A) and release safety stop by removing pin (B) and lifting stop up and in and lowering it down onto the cylinder rod.

After completing work on the corn head, place safety stop in storage position.



20 Series Combines



Maximizer Combines

PICKUPS,SE,A -19-09JAN90

BELT PICKUP/PUMP BELT ADJUSTMENT (20 SERIES COMBINES)

For 4420 Combines, proceed as follows:

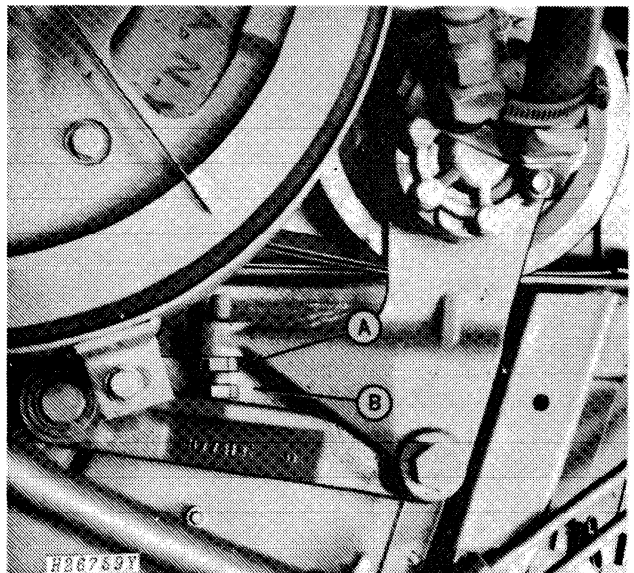
Loosen lock nut (A).

Turn cap screw (B) out against support casting, forcing pump sheave against belt.

Tighten belt until it will operate without slipping.

Tighten lock nut (A).

IMPORTANT: Keep this belt tight at all times.



PICKUPS,SE,B -19-28DEC88

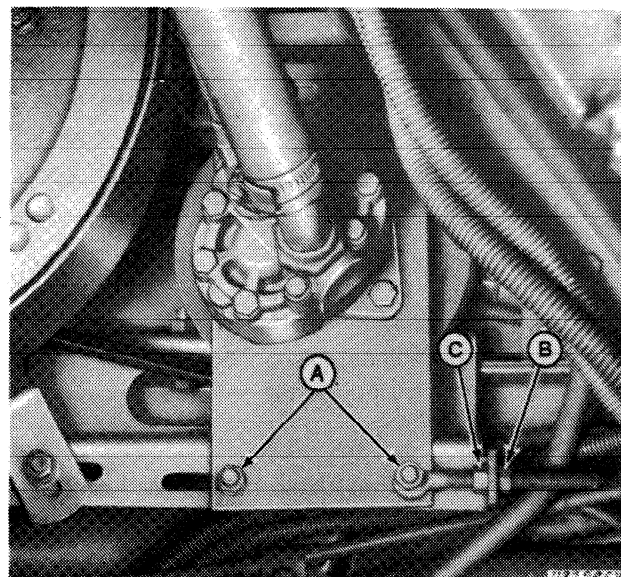
For 6620, SideHill 6620, 7720 and 8820 Combines, proceed as follows:

Loosen nuts (A) and nut (B).

Turn nut (C) until belt will operate without slipping.

Tighten nut (B) and nuts (A).

IMPORTANT: Keep this belt tight at all times.



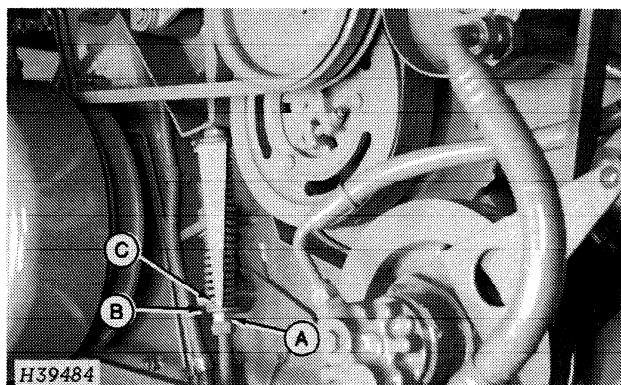
H31265
-UN-02FEB90

PICKUPS,SE,C -19-28DEC88

BELT PICKUP/PUMP BELT ADJUSTMENT (MAXIMIZER COMBINES)

This belt also drives the header.

Tighten nut (A) until washer (B) aligns with the end of gauge (C).

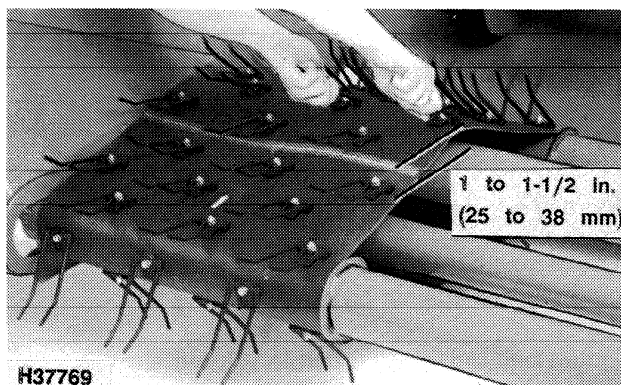


H39484
-UN-11OCT88

PICKUPS,SE,D -19-09JAN90

ADJUSTING TENSION ON PICKUP BELTS

Pickup belts must have 1 to 1-1/2 in. (25 to 38 mm) free play between center of belt and middle roller. Check dimension by lifting on fingers over center roller.



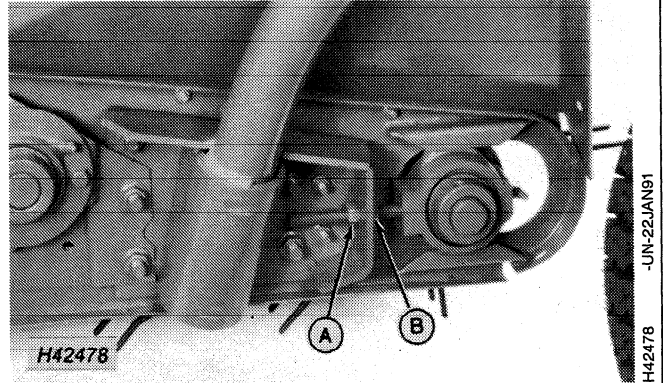
H37769
-UN-25AUG89

PICKUPS,SE,E -19-28DEC88

To tighten belts, loosen nuts (A) and tighten nuts (B).
Lock nuts (A).

To loosen belts, loosen nuts (B) and tighten nuts (A).
Lock nuts (B).

IMPORTANT: Too much tension causes undue wear on pickup belts and other parts. Tighten pickup belts just enough to prevent slipping when belt pickup is operating under normal crop conditions.



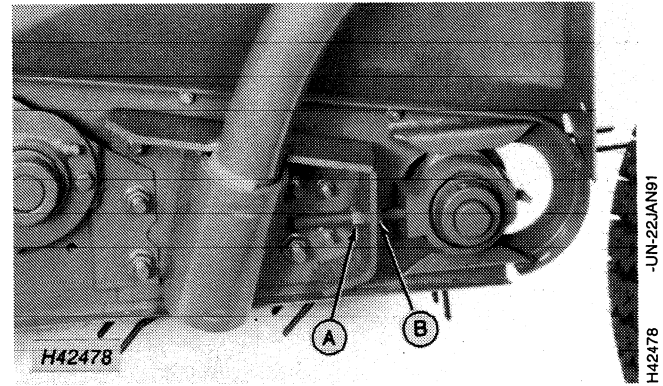
154 in. (3912 mm) Pickup Illustrated

PICKUPS,SE,F -19-28JAN91

REMOVING PICKUP BELTS

Relieve tension by loosening nuts (B) and tightening nuts (A).

Pull lacing pin out of lacings and remove belts.

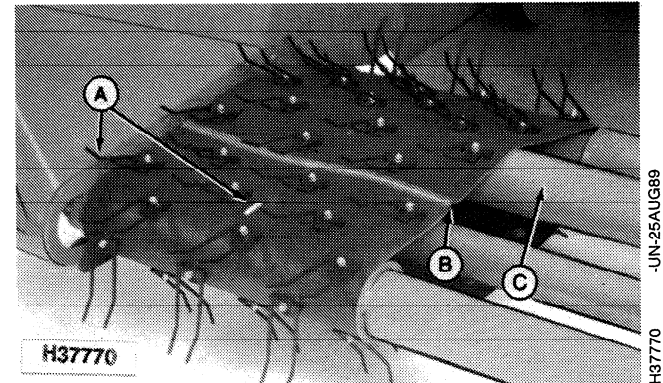


PICKUPS,SE,G -19-28JAN91

INSTALLING PICKUP BELTS

Install left- and right-hand belts before installing center belt to keep ends of rollers from spreading. Fingers (A) must point opposite direction of belt travel.

Place belts around rollers so lacings (B) come together over center roller (C).

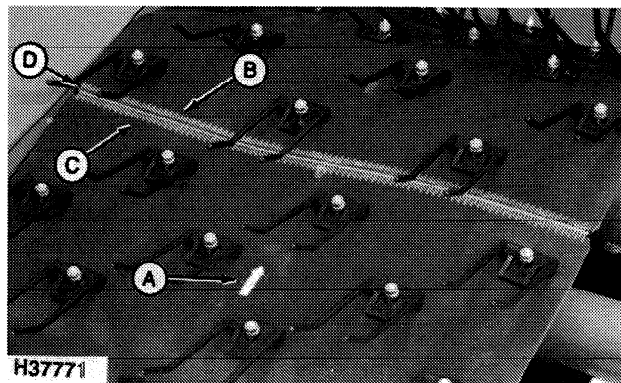


PICKUPS,SE,H -19-09JAN90

INSTALLING LACING

Hold lacings together and insert lacing pin (D) then adjust tension of belts.

IMPORTANT: Belt directional arrow (A) must be pointing, as shown, and top lacing (B) is on the outside of bottom lacing (C). Lacing pin (D) must be bent 90 degrees on both ends to prevent pin from falling out.



H37771 -UN-25AUG88

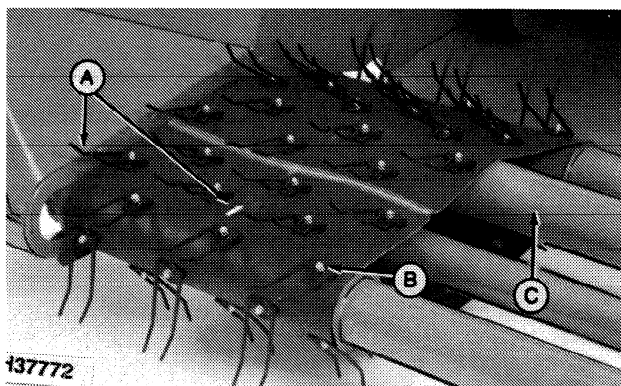
PICKUPS,SE,I -19-28DEC88

REPLACING PICKUP FINGERS

If fingers become worn, bent, or damaged, straighten or replace them immediately.

Turn belt pickup until finger that is to be replaced is directly over center roller (C).

Plastic Finger: Remove nut and finger. Install new finger so it points opposite direction of belt travel (A). Secure with lock nut (B). Shoulder of bolt must be seated in base of finger. (Torque 55 in-lbs [6.2 N·m]).



H37772 -UN-25AUG88

PICKUPS,SE,J -19-28DEC88

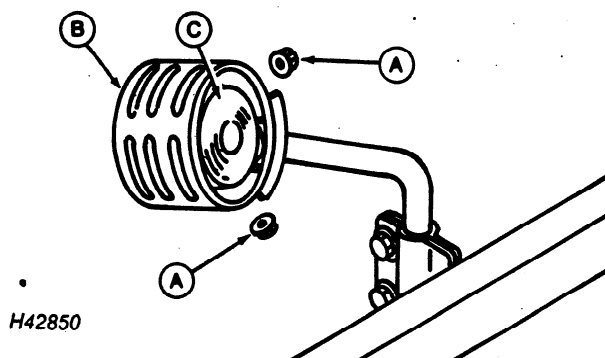
HEADER WARNING LIGHT BULB REPLACEMENT

Remove nuts (A).

Remove shield (B).

Unscrew housing (C) from bulb base.

Push bulb in and turn to remove.



H42850

H42850 -UN-29NOV90

PICKUPS,SE,L -19-28JAN91

TIRE INFLATION

CAUTION: Explosive separation of a tire and rim parts can cause serious injury or death.

Only attempt to mount a tire if you have the proper equipment and experience to perform the job. Have it done by your John Deere dealer or a qualified repair service.

Always maintain the correct tire pressure. Do not inflate the tires above the recommended pressure.

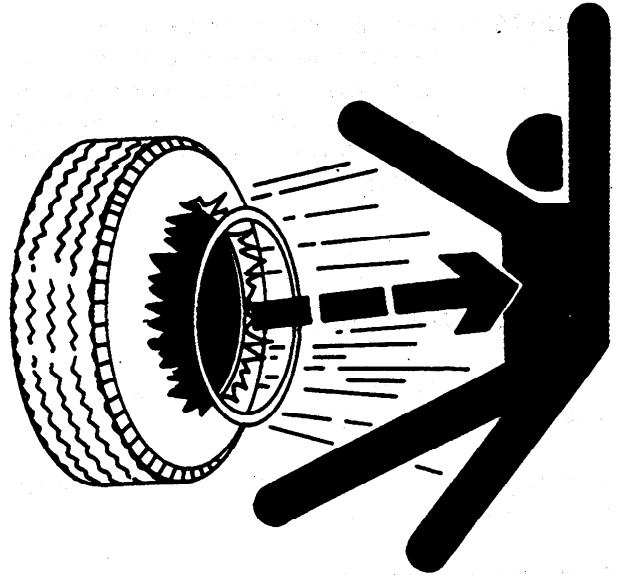
When inflating tires, use a clip-on chuck and extension hose long enough to allow you to stand to one side and NOT in front of or over the tire assembly. Use a safety cage if available.

Inspect tires and wheels daily. Do not operate with low pressure, cuts, bubbles, damaged rims or missing lug bolts and nuts.

Keep belt pickup tires inflated to 20 psi (1.40 bar) air pressure.

Varying temperatures cause tire pressure to change. Check tire pressure every day before operating pickup platform.

Cap must be kept on valve stem to prevent dirt from getting into valve core.



TS211 -UN-23AUG88

PICKUPS,SE,K -19-28DEC88

Storage

END OF SEASON SERVICE

Clean pickup platform thoroughly. Chaff and dirt will draw moisture and rust metal.

IMPORTANT: Do not use high pressure washer spray directly on bearings or any other area that might be damaged by water. High pressure water can get past most seals and cause damage. Dry these areas then lube and run combine.

Lubricate platform. Grease threads on adjusting bolts. Release spring tension on slip clutch and apply a coating of grease to slip clutch washers.

If pickup is stored outside remove pickup belts and store in a dry cool place where they will not be damaged. Do not roll belts.

Paint all parts from which paint was worn.

If possible, shelter pickup platform in a dry place.



CAUTION: Support pickup platform with either the hydraulic cylinder safety stop or with blocks, or lower it to ground level.

PICKUPS,ST,A -19-28DEC88

BEGINNING OF SEASON SERVICE

Clean pickup platform thoroughly.

Replace or adjust belts and check tension.

Adjust chains to proper tension.

Clean grease from thrust washers of slip clutch. Grease bore of slip clutch after cleaning. Adjust spring tension on slip clutch and check torque on nuts.

Lubricate pickup platform completely.

Go over complete pickup platform and see that all bolts are tight and cotter pins are spread.

Check for hot bearings or looseness. Slip clutch must operate freely.

Review your operator's manual.

PICKUPS,ST,B -19-28DEC88

Crime Prevention Tips

HELP PREVENT CRIME

You can help take a bite out of crime by properly documenting ownership and discouraging theft.

TAKE A BITE OUT OF
CRIME
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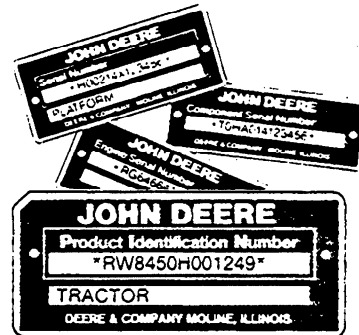


DX,CRPRV,A -19-04JUN90

TS140 -19-07OCT88

RECORD IDENTIFICATION NUMBERS

1. Mark your machines with your own unique numbering system.
2. Record the Product Identification Number (PIN) of the unit and also individual component identification numbers for engines, axles, pumps, etc. Include the PIN numbers on all documentation, such as insurance, financial, and warranty papers.

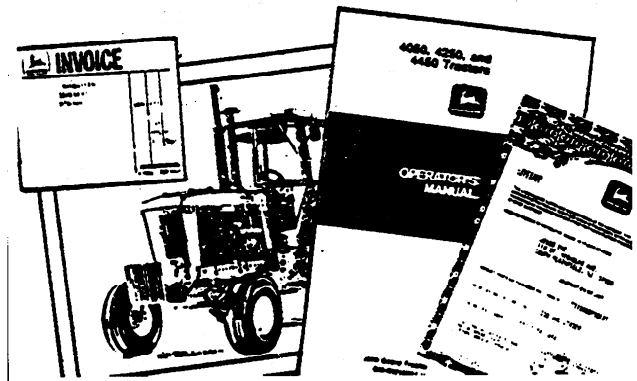


DX,CRPRV,B -19-04JUN90

TS161 -UN-23MAR89

KEEP PROOF OF OWNERSHIP

1. Take color photographs from several angles of each machine.
2. Maintain an up-to-date inventory of all your machines.
3. Keep your documented identification numbers, color photographs, and inventory in a safe, secure location.



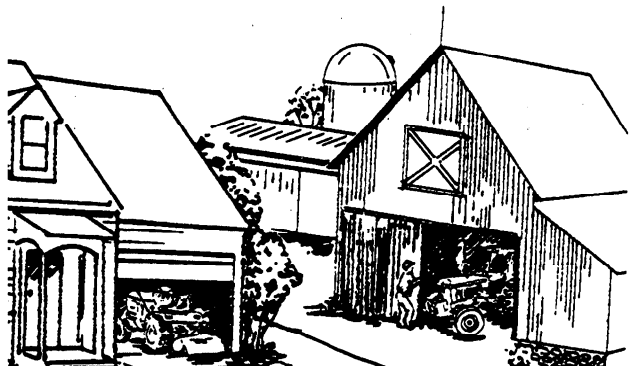
DX,CRPRV,C -19-04JUN90

TS142 -UN-23MAR89

PARK INDOORS OUT OF SIGHT

Make machines hard to move:

- Park large equipment in front of exits.
- Lower equipment to the ground. Remove key.
- Remove battery when unit is in storage.
- Lock cab doors, windows, and vandal-proof devices.
- Set wheels in widest position making loading more difficult. Lock building.



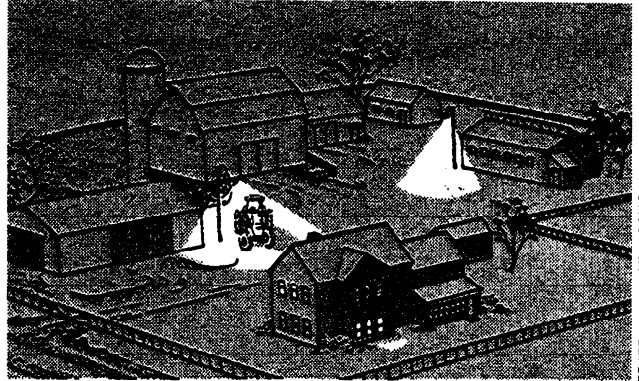
DX,CRPRV,D -19-04JUN90

TS143 -UN-23AUG88

WHEN PARKING OUTDOORS

Make machines hard to move:

- Park in a well-lighted, fenced area.
- Lower all equipment to the ground.
- Remove ignition key. Remove battery when unit is in storage.
- Lock cab doors, windows, and vandal-proof devices.
- Set wheels in widest position making loading more difficult.

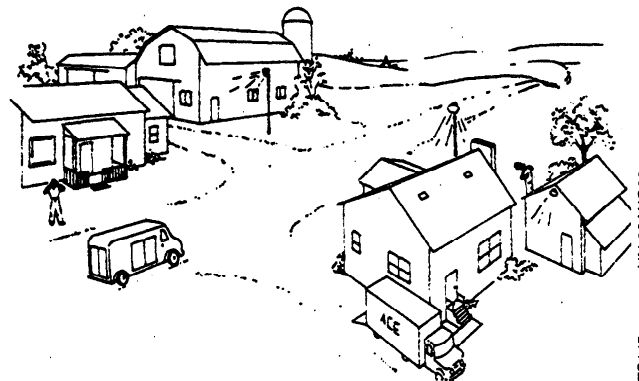


DX,CRPRV,E -19-04JUN90

TS155 -UN-23AUG88

REDUCE VANDALISM

1. Install vandal-proof devices.
2. Participate in a neighborhood watch program. Take written notes of suspicious vehicles or persons and report your findings to law enforcement agency.
3. Regularly verify that identification plates have not been removed. If they have, notify law enforcement agency. Order duplicate plates from your dealer.



DX,CRPRV,F -19-04JUN90

TS145 -UN-23AUG88

REPORT THEFTS IMMEDIATELY

1. Immediately notify your local law enforcement agency and insurance agent.
2. Provide a complete description of the machine, all of the documented identification numbers and color photographs.
3. Request verification of the identification numbers after they have been entered with any regional or national crime information center. Double check the numbers to be sure they are correct.
4. Notify your John Deere dealer of the theft and request that its loss be posted with full description and identification numbers.



DX,CRPRV,G -19-04JUN90

TS146 -UN-08JAN89

Assembly and Installation

SUPPORT ARMS, BELTS, AND HOLD-DOWN (PICKUP PLATFORM WITH BELT PICKUP MOUNTED)

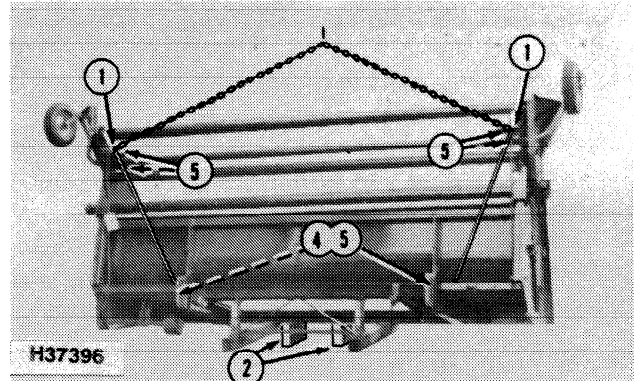
1. Remove pickup platform.



CAUTION: Weight of pickup rests on two shipping skid uprights. Do not remove these uprights or their attaching bolts until pickup has been rolled over (on ground) to operating position.

2. Remove four cap screws at ends then remove hold-down.

3. Attach chains to shipping plates, lift pickup high enough to clear combine block, 20 in. (508 mm). Place two blocks under pickup top beam and slowly lower pickup. As pickup is lowered it will move forward.



PICKUPS,AS,A -19-28DEC88

4. With pickup on ground, place blocks under side frame. You must allow about 3 in. (74 mm) between blocks and frame.

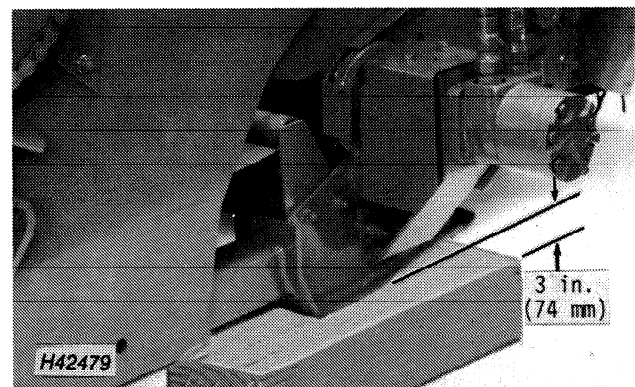
5. Loosen nuts on shipping rods. As nuts are loosened the pickup will lower to blocks installed in Step 4.

6. Remove and discard four nuts and rods. Remove four nuts (per side) holding shipping plates. Remove and discard plates, then reinstall nuts on bolts. Remove and discard shipping stand.

7. Reinstall hold-down removed in Step 2.

8. Install belts.

9. Belt pickup is now ready to be picked up by combine.

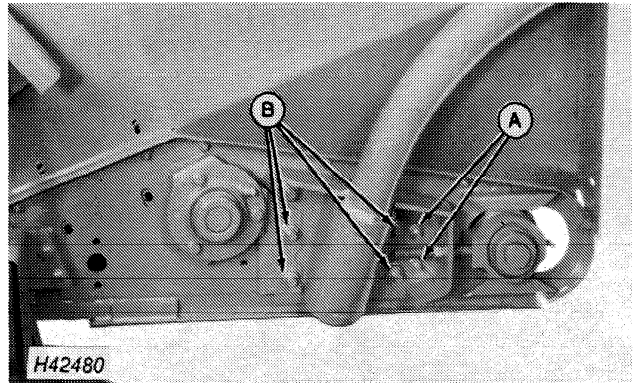


PICKUPS,AS,B -19-28JAN91

SUPPORT ARMS, BELTS, AND HOLD-DOWN (PICKUP PLATFORM WITH BELT PICKUP NOT INSTALLED)

NOTE: For ease of installation on platform (217601-)
see installing Stripper before installing arms, belts
and hold-down.

1. (Not Illustrated) Set belt pickup on a sturdy support.
 2. (Not Illustrated) Attach left-hand support arm to bearing carrier with two 7/16 x 1-1/2 in. plow bolts and two 7/16 x 1 x .075 in. washers.
 3. Attach right-hand support arm to bearing carrier with 1/2 X 1-1/2 in. cap screws (A) and lock nuts and 7/16 x 1-1/2 in. round head bolts (B) and lock nuts.
- (If pickup is to be installed on combine immediately,
Steps 4 through 7 are more easily done after pickup is
attached to platform.)
4. See installation instructions for installing pickup belts.

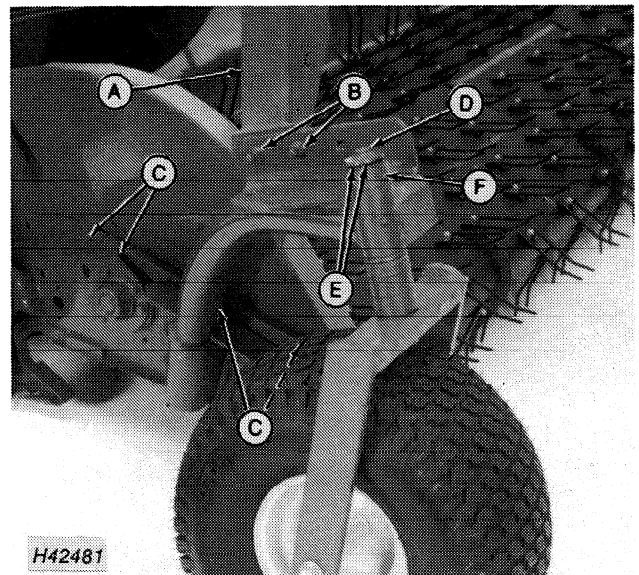


H42480 -UN-22JAN91

PICKUPS,AS,C -19-28JAN91

5. Install windrow hold-down by attaching welded assembly (A) to gauge wheel yoke bearing with 1/2 x 1-1/2 in. cap screws (B) and flange nuts. Adjust hold-down fingers to proper position.
6. Install shields with 1/4 x 1/2 in. cap screws (C), 9/32 x 5/8 x .060 in. flat washers, and lock washers and existing round head bolts.
7. Remove cap screw (D), two washers (E) and one spacer (F) from end of wheel mount. Place wheel mount through opening. Secure wheel mount with cap screw, washers and spacer.

NOTE: Wheel position is shown for middle position. To
raise or lower see Adjusting Gauge Wheels.

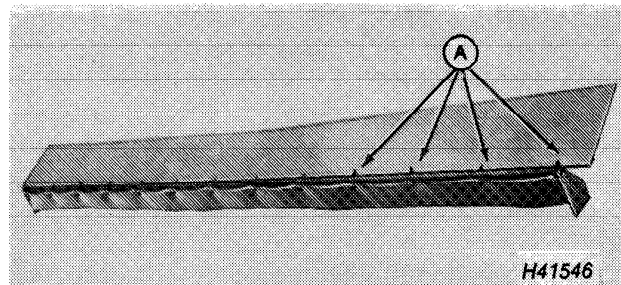


H42481 -UN-22JAN91

PICKUPS,AS,D -19-28JAN91

PREPARING BELT PICKUP ON THE PICKUP PLATFORM (SERIAL NO. 217601-)

1. Attach grain slide to stripper studs with 1/4 in. lock washers and nuts (A). Do not over tighten.



132 in. (3353 mm) Stripper Illustrated

PICKUPS,AS,E -19-28DEC88

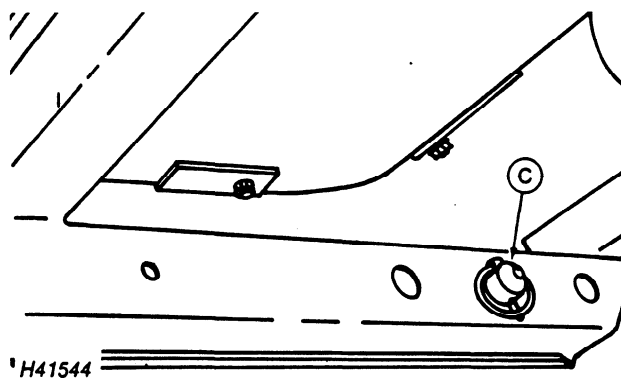
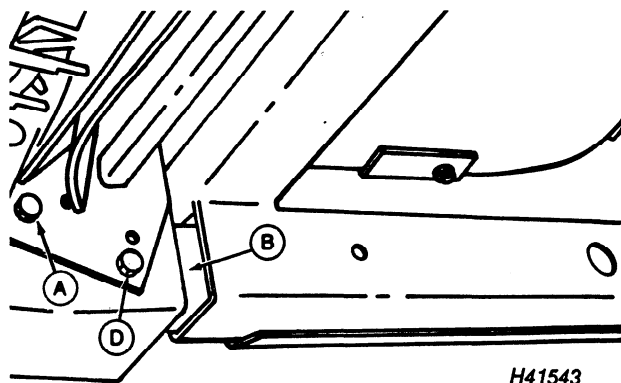
2. (132 In. [3353 mm] Belt Pickup on 912 Platform or 154 In. [3912 mm] Belt Pickup on 914 Platform) Use existing hardware at front hole (A) on right-hand side. Do not tighten at this time.

3. (Not Illustrated) (132-In. [3353 mm] Belt Pickup on 912 Platform or 154 In. [3912 mm] Belt Pickup on 914 Platform) Attach stripper to front hole only with 3/8 x 1 in. cap screw and self-locking nut on left-hand side.

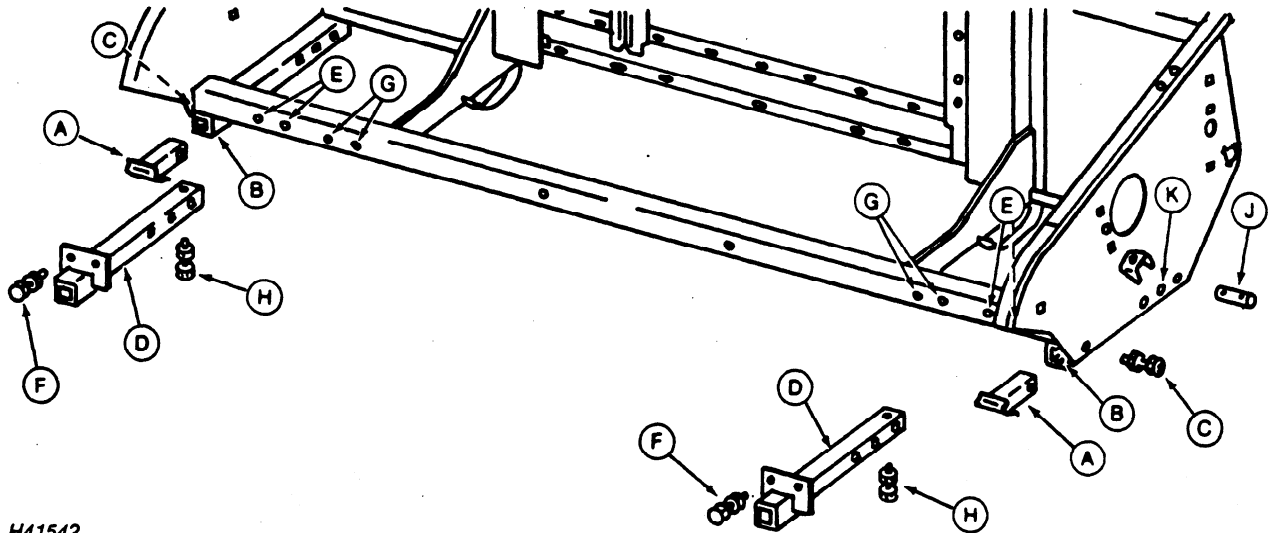
4. (132 In. [3353 mm] Belt Pickup on 912 Platform or 154 In. [3912 mm] Belt Pickup on 914 Platform) Slide belt pickup support arms (B) into pickup platform. Hold stripper grain slide up as belt pickup is moved into position.

5. (132 In. [3353 mm] Belt Pickup on 912 Platform or 154 In. [3912 mm] Belt Pickup on 914 Platform) Let stripper grain slide down as belt pickup is moved into position. Place pin in hole (C) (mid position).

6. (132 In. [3353 mm] Belt Pickup on 912 Platform or 154 In. [3912 mm] Belt Pickup on 914 Platform) Insert 3/8 x 1 in. cap screw (D) and self-locking nut in rear hole of stripper. Tighten front and rear cap screws.



PICKUPS,AS,F -19-11JAN90



H41542

-UN-31JAN90
H41542

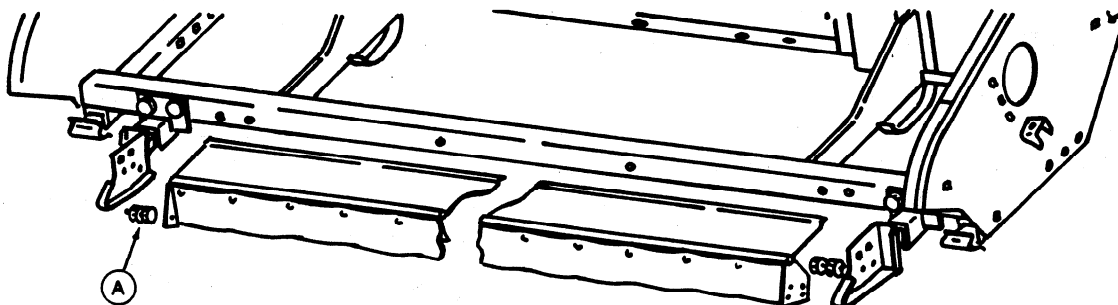
7. (110 In. [2794 mm] Belt Pickup On 912 or 914 Platform or 132 In. [3353 mm] Belt Pickup on 914 Platform) Install runner assemblies (A) into end runner support channels (B) and secure with 1/2 x 3-3/4 in. cap screw (C) and self-locking nut.

8. (110 In. [2794 mm] Belt Pickup On 912 or 132 In. [3353 mm] Belt Pickup On 914 Platform) Attach front of belt pickup support tube (D) to holes (E) with 3/8 x 3/4 in. cap screws (F) and lock nuts.

9. (110 In. [2794 mm] Belt Pickup On 914 Platform) Attach front of belt pickup support tube (D) to holes (G) with 3/8 x 3-3/4 in. cap screws (F) and lock nuts.

10. (110 In. [2794 mm] Belt Pickup on 912 or 914 Platform or 132 In. [3353 mm] Belt Pickup on 914 Platform) Attach rear of belt pickup support tube to frame with 3/8 x 1 in. cap screw (H) and lock nut.

PICKUPS,AS,G -19-11JAN90



H41547

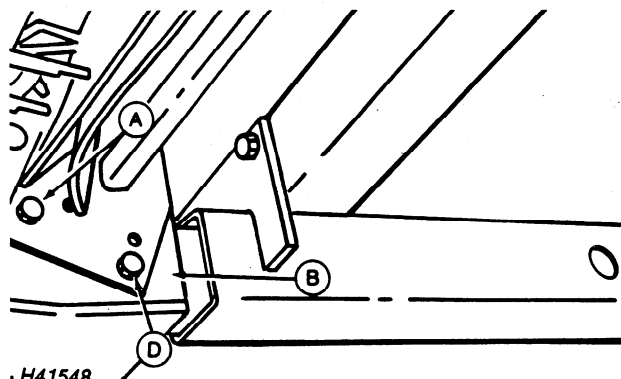
11. (110 Belt Pickup on 912 or 914 Platform or 132 In. [3353 mm] Belt Pickup on 914 Platform) Attach stripper to right-hand arm assembly at front hole (A) with 3/8 x 1 in. cap screw and lock nut. Do not tighten at this time.

12. (Not Illustrated) (110 In. [2794 mm] Belt Pickup on 912 or 914 Platform or 132 In. [3353 mm] Belt Pickup on 914 Platform) Attach stripper to arm assembly (front hole only) with 3/8 x 1 in. cap screw and lock nut on left-hand side.

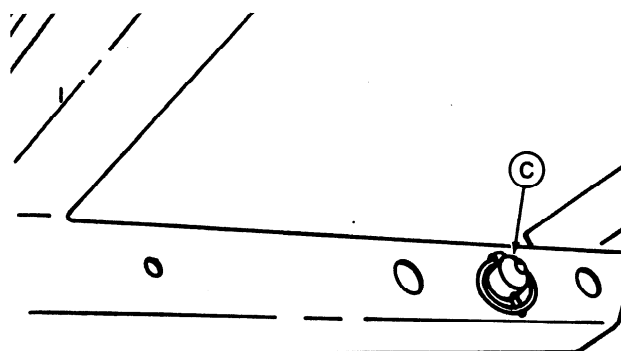
13. (110 In. [2794 mm] Belt Pickup On 912 or 914 Platform or 132 In. [3353 mm] Belt Pickup On 914 Platform) Slide belt pickup support arms (B) into pickup platform. Hold stripper grain slide up as belt pickup is moved into position.

14. (110 In. [2794 mm] Belt Pickup on 912 or 914 Platform or 132 In. [3353 mm] Belt Pickup on 914 Platform) Let stripper grain slide down as belt pickup is moved into position. Place pin in hole (C) (mid-position).

15. (110 In. [2794 mm] Belt Pickup on 912 or 914 Platform or 132 In. [3353 mm] Belt Pickup on 914 Platform) Insert 3/8 x 1 in. cap screw (D) and self-locking nut in rear hole of stripper. Tighten front and rear cap screws.



H41548



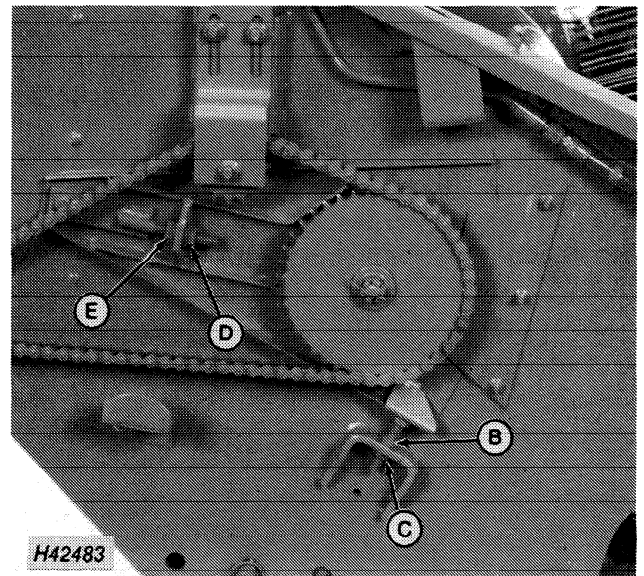
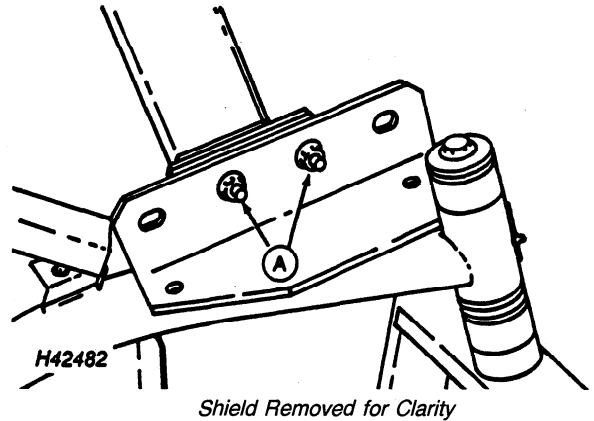
H41549

16. Set hold-down in middle adjusting holes (A).

17. (Auger adjustment to platform bottom—both sides)
Adjust auger for a clearance of 1/4 in. (6 mm) between auger flights and bottom of platform. Loosen nut (B) and tighten nut (C) to move auger down. Loosen nut (C) and tighten nut (B) to move auger up. Tighten nuts (B) and (C).

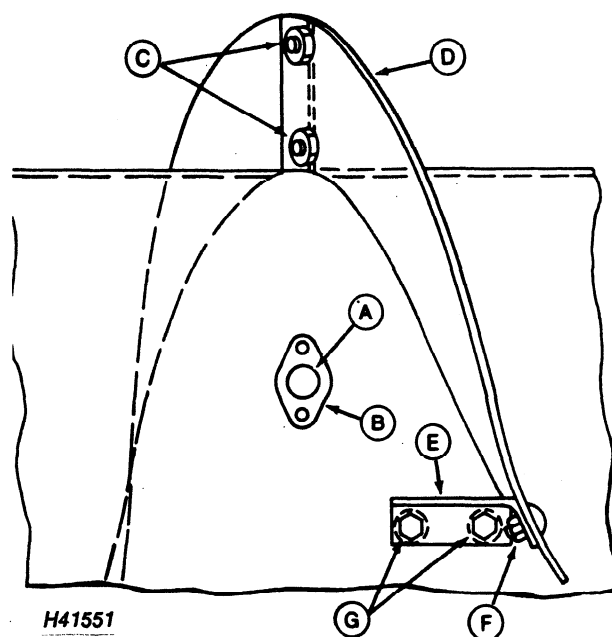
IMPORTANT: Pickup drive shaft must be attached to combine before checking chain tension. Chain must deflect 1 in. at 20 lbs. (88 N) of pull at mid span when auger is at bottom of travel.

18. (Auger adjustment to stripper—both sides) Auger to stripper clearance must be 1/4 in. (6 mm). To move forward, loosen nut (D) and tighten nut (E). Reverse for adjusting auger to rear. Tighten nuts (D) and (E).



INSTALL AUGER FLIGHT EXTENSIONS FOR 4420, 4425 AND 4435 COMBINES PICKUP PLATFORM

1. Remove two auger fingers (A) from each end of auger finger pattern.
2. Secure two auger finger covers (B) on each end, with 5/16 in. button head self-tapping screws.
3. Drill two 13/32 in. (10 mm) diameter holes (C) in end of auger flight. Attach extension (D) to flight with two 5/16 x 3/4 in. round head bolts, lock washers, and nuts provided.
4. Attach clip (E) to extension with two 5/16 x 3/4 in. round head bolts (F), lock washers, and nuts provided.
5. Use clip as template and drill two 13/32 in. (10 mm) diameter holes in auger. Attach clip to auger with two 3/8 x 7/8 in. cap screws (G), flat washers (inside of auger), lock washers and nuts provided.



H41551

H41551 -JN-14FEB90

PICKUPS,AS,J -19-28DEC88

INSTALL HYDROSTATIC DRIVE ON PICKUP PLATFORMS (SERIAL NO. 217601-)

NOTE: Hydrostatic drive motor is mounted on right-hand end of belt pickup.

1. Install 1/4 x 7/8 in. Woodruff key on shaft and slide coupler (A) onto shaft.
2. Attach support bracket (B) to belt pickup, with 3/8 x 1-1/2 in. cap screws (C), pipe spacers, flat washers and nuts.
3. Install 1/4 x 1 in. Woodruff key on motor shaft (D) and attach motor (E) to bracket (B) with 3/8 x 3/4 in. cap screws.

NOTE: Ports on hydrostatic drive motor face upwards.

4. Hold motor (E) level so output shaft (D) does not bind in coupler. There must be a minimum of 7/16 in. (11 mm) clearance between support bracket (B) and coupler (A) and 3/16 in. (5 mm) clearance between support bracket (B) and pickup support arm. Tighten 3/8 x 1-3/4 in. cap screws in coupler.

IMPORTANT: Support bracket (B) must be free to float on spacers.

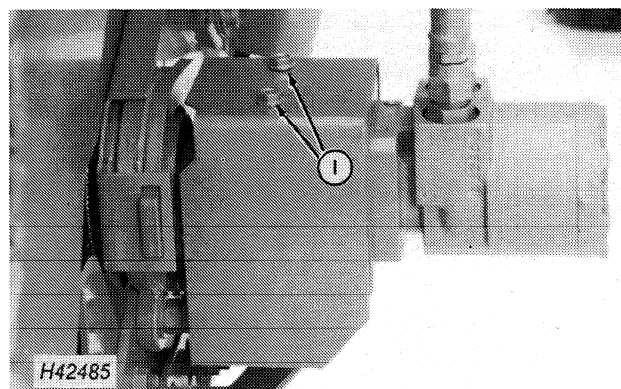
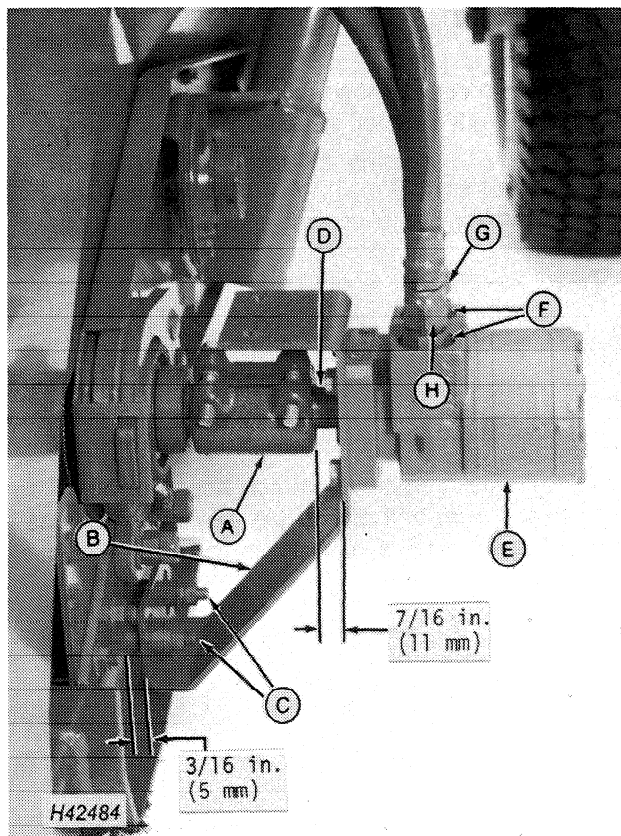
5. Dip O-rings in hydraulic oil and install on straight connectors. Install connectors in belt pickup hydrostatic drive motor ports (F).

NOTE: Install 90 degree elbow on each connector for 110 in. (2794 mm) belt pickups.

6. Attach 34 in. (865 mm) hydraulic hose (G) to connector on front port of motor.

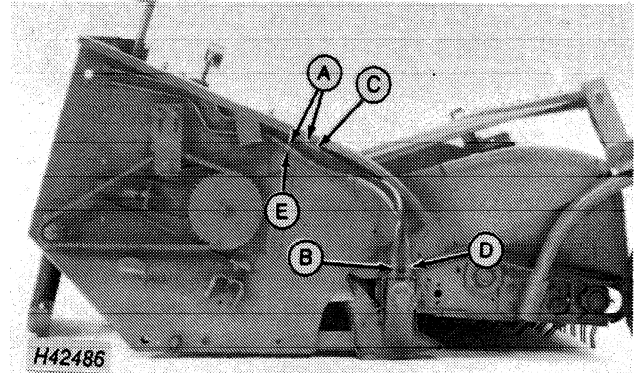
7. Attach 26 in. (660 mm) hydraulic hose (H) to connector on rear port of motor.

8. Attach shield to support bracket with 5/16 x 1/2 in. self tapping screws (I).



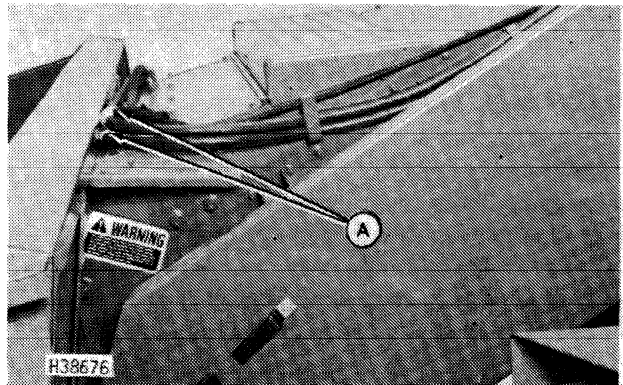
Assembly and Installation

9. Remove plugs from ends of steel lines (A).
10. Attach pressure hose (B) from rear port of hydrostatic drive motor to upper pressure steel line (C).
11. Attach hose (D) from front port of hydrostatic drive motor to lower steel line (E).



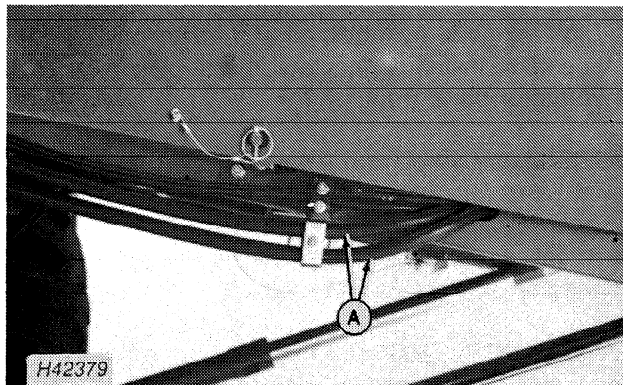
PICKUPS,AS,L -19-28JAN91

12. (20 Series Combines) Attach hoses to hose connectors from belt pickup (A). Lay hoses across feeder house as shown.



PICKUPS,AS,M -19-26JAN91

13. (Maximizer Combines) Remove hoses (A) from storage position and attach to hose connectors from belt pickup.



PICKUPS,AS,N -19-28JAN91

Specifications

(Specifications given in this manual are intended for service only and do not include normal factory manufacturing tolerances.)

(Specifications and design subject to change without notice)

*Does not include weight of platform.

Platform Models 912 or 914

Pickup Widths 110, 132, 154 in.
(2794, 3353, 3912 mm)

Platform Height Control Hydraulic

Pickup Belts:

Width of belts 22 in. (559 mm)

Number of belts per pickup:

110 in. (2794 mm) 5

132 in. (3353 mm) 6

154 in. (3912 mm) 7

Operating speed of belts 53—475 ft./min.
(16—145 m/min.)

Number of rollers 3

Vari-Belt Feeder House Speeds

6620—7720 (-610000) 460-470 RPM.

6620, 7720, 8820 (610001-) 490-500 RPM.

9400, 9500, 9600 520-785 RPM.

Pickup Carriage Adjustment Fore-and-aft
through 8 in. (203 mm) range

RK:

Extension 0, 4, 8 in. (0, 102, 203 mm)
(Pickup Platforms and 200 Series Platforms)

Pickup Fingers:

Type plastic

Number of fingers per belt 60

Auger:

Float range 1-1/2 in. (38.1 mm)

Diameter 24 in. (610 mm)

Auger fingers Heavy-duty, round, 5/8 in.
(15.9 mm) diameter with breakaway notch

Number of auger fingers 12

Auger finger pattern Spiral, retracting

Finger reach 6 in. (152 mm)

Operating speed 169 rpm

Tires:

Pressure 20 psi (1.40 bar)

Approximate Shipping Weights:

(Includes shipping skid)

912 Pickup Platform 975 lbs. (443 kg)

914 Pickup Platform 1050 lbs. (477 kg)

*110 in. Belt Pickup 588 lbs. (267 kg)

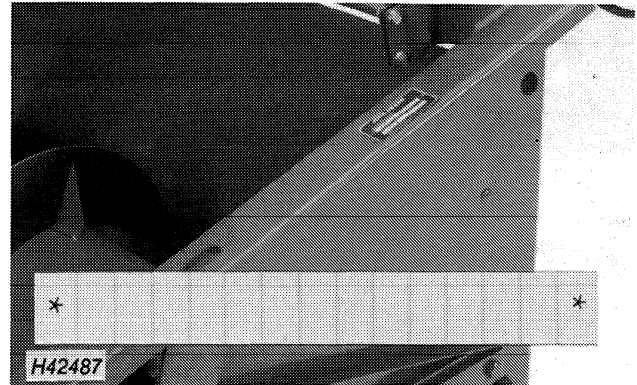
*132 in. Belt Pickup 803 lbs. (365 kg)

*154 in. Belt Pickup 855 lbs. (388 kg)

PICKUP PLATFORM SERIAL NUMBER

The platform serial number is on a plate located on top, left-hand end rail of platform.

When ordering parts, always bring the serial number as shown on serial number plate. This will help your John Deere dealer in giving you fast service.



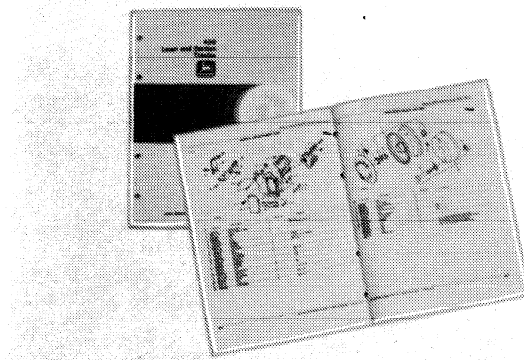
-UN-22JAN91
H42487

PICKUPS, SP, B -19-28JAN91

John Deere Service Literature Available

PARTS CATALOG

The parts catalog lists service parts available for your machine with exploded view illustrations to help you identify the correct parts. It is also useful in assembling and disassembling.



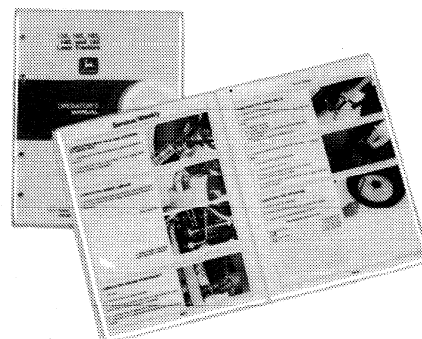
DX,PARTS -19-04JUN90

TS189 -JN-17JAN89

OPERATOR'S MANUAL

The operator's manual provides safety, operating, maintenance, and service information about John Deere machines.

An extra copy of the operator's manual is important if the copy furnished with your machine is misplaced.

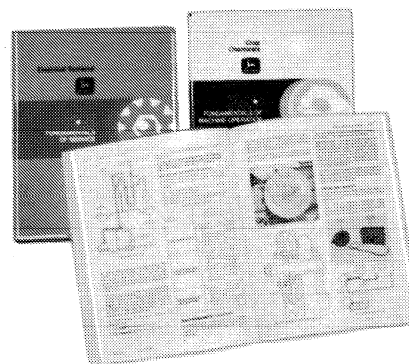


DX,OM -19-04JUN90

TS190 -JN-17JAN89

FMO AND FOS MANUALS

These are basic manuals covering most types and makes of machinery. FMO manuals tell you how to OPERATE agricultural machinery; FOS manuals tell you how to SERVICE machine systems. Each manual starts with basic theory and is fully illustrated with colorful diagrams and photographs. Both the "whys" and "hows" of adjustments and repairs are covered in this reference library.



DX,FMOFOS -19-04JUN90

TS195 -JN-02DEC88

John Deere Service Literature Available

Department S/P

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			x	=
			x	=
			x	=
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			x	=
FMO Manual—Tractors	FMO10102B		x	=
FMO Manual—Tillage	FMO11102B		x	=
FMO Manual—Planting	FMO12102B		x	=
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FOS Manual—Tires and Tracks	FOS5506B		x	=
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FOS Manual—Air Conditioning	FOS5705B		x	=
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Farm Business Management	FBM10102B		x	=
Machinery Management	FBM17103B		x	=
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1—1-1/2-in. 3-Post Binder (600 pages max.)	SX2066		x	=
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50.00 to 74.99	 7.00
75.00 to 99.99	 8.50
100.00 and over	 12.50

☐	1 day air	\$15.00
☐	2 day air	\$10.00

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Total Shipping & Handling

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(Prices subject to change
without notice - JUL 90)

280191



John Deere is at your service when you need it

John Deere takes pride in providing superior service. We'll be around when you need us. To help minimize downtime, we maintain a large and varied parts inventory. Precision tools and testing equipment enable dealerships to locate and correct troubles quickly. We hold regular training schools for service technicians so they know your equipment and how to maintain it. Our goal is to provide prompt, efficient service through competent dealerships.

Your dealer is interested in your satisfaction and stands ready to help you with your service needs. When you need service:

- First, discuss the problem with your dealership service manager.
- If unable to resolve, see the dealership manager, explain the problem, and request assistance. Make sure your dealer is aware of your problem and has the opportunity to help you. Your dealer can request company assistance if needed.
- If you have a persistent problem that your dealership is unable to satisfy, contact the John Deere branch office within your geographic area on the map.

Be prepared with the following information:

- Machine model and product serial number (PIN)
- Date of purchase
- Selling/servicing dealer
- Nature of problem

Sales Branch

1. JOHN DEERE COMPANY
701 Georgeville Road
Columbus, OH 43228
614-275-1500

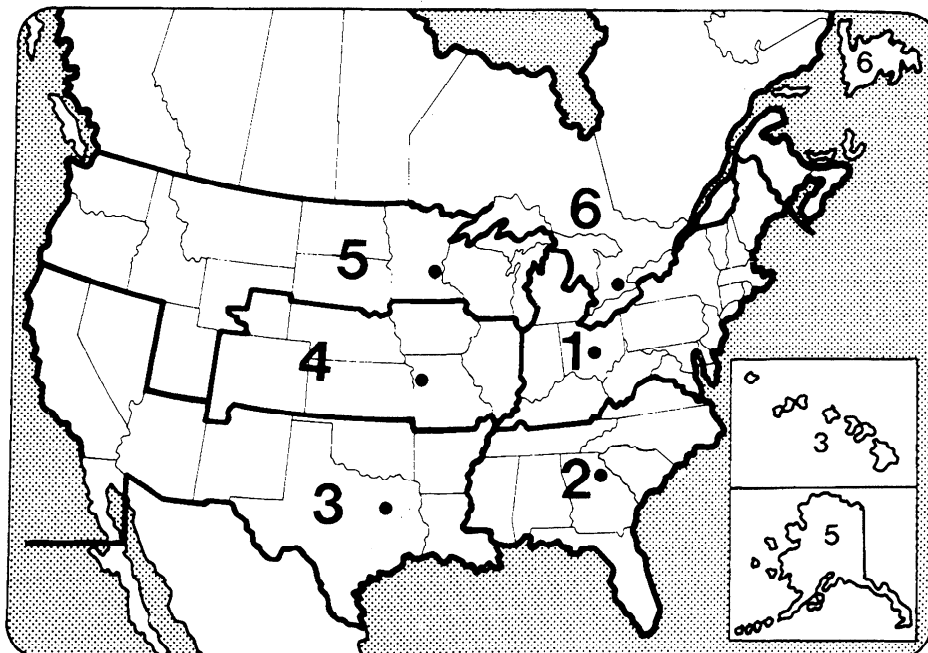
2. JOHN DEERE COMPANY
2001 Deere Dr.
Conyers, GA 30208
404-922-7040

3. JOHN DEERE COMPANY
10650 Hines Boulevard
Dallas, TX 75220-2635
214-352-1701

4. JOHN DEERE COMPANY
3210 East 85th Street
Southeast Station
Kansas City, MO 64132-2586
816-361-4000

5. JOHN DEERE COMPANY
2001 West 94th Street
Bloomington, MN 55431-2311
612-887-6200

6. JOHN DEERE COMPANY
South Service Road at Hunter
Grimsby, Ontario, Canada L3M 4H5
416-945-9281



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