

7722 COMBINE



JOHN DEERE

OPERATORS MANUAL

7722
COMBINE

OMH124035 D6 English

OMH124035 D6

LITHO IN THE U.S.A.
ENGLISH



Introduction

Use this operator's manual as a supplement to the 7720 and 200 Series Platform manuals provided. This manual covers only those areas of your machine that are unique to the 7722 Combine and platform.



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

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

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

The warranty on this machine appears on your copy of the purchase order which you should have received from your dealer when making your purchase. This warranty provides you the assurance that John Deere will back its products where defects appear within the warranty period. In some circumstances, John Deere also provided field improvements, often without charge to the customer, even if the product is out of warranty.

Warranty and field improvements are a part of John Deere's product support program for customers who operate and maintain their equipment as described in this manual. Should the equipment be abused or modified to change its performance beyond the original factory specifications, the warranty will become void and field improvements may be denied.

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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.



AB6;T81389 053;ALERT 071085

UNDERSTAND SIGNAL WORDS

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

Safety signs with signal word DANGER or WARNING are typically near specific hazards.

General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.



AB6;TS187 053;SIGNAL 071085

FOLLOW SAFETY INSTRUCTIONS

Carefully read all safety messages in this manual and on your machine safety signs. Follow recommended precautions and safe operating practices.

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



AB6;TS188 053;SIGNS 071085

UNAUTHORIZED MODIFICATIONS

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



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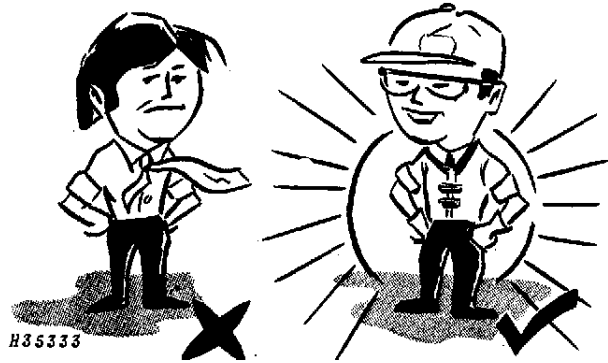
4KA;127999 H01;25HC A 080185

OPERATE SAFELY

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

Any time work is being done under header, the hydraulic cylinder safety stop must be placed in the safety position.

Keep hands, feet and clothing away from moving parts.

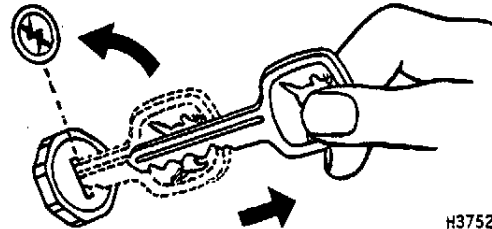


H35333

4KA;H35333 H01;;25HC C 080185

LEAVING COMBINE UNATTENDED

Before leaving combine unattended, turn off engine and remove keys. Support header with hydraulic cylinder safety stop if it is necessary to go under the header or feeder house. See the combine Operator's Manual for complete safety information.

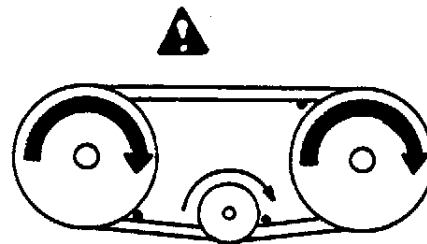


H37524

4KA;H37524 H01;;25HC B 080185

AVOID CONTACT WITH MOVING PARTS

Keep hands, feet and clothing away from powerdriven parts. Never clean, lubricate or adjust machine when it is running.

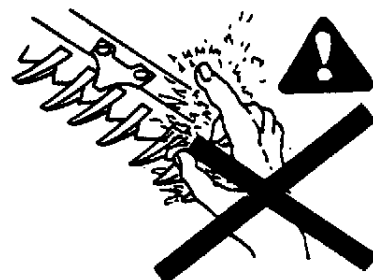


H36880

011;H36880 H01;;200C A 240485

AVOID CONTACT WITH CUTTERBAR

Never attempt to clear obstructions off cutting platform unless separator is disengaged and engine is shut off and key removed. Everyone must be clear before starting engine or running combine.

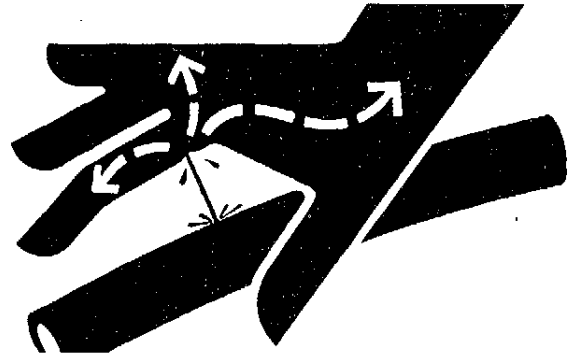


011;H36895 H01;;200C B 240485

AVOID HIGH-PRESSURE FLUIDS

Escaping fluid under pressure can penetrate the skin causing serious injury. Relieve pressure before disconnecting hydraulic or other lines. Tighten all connections before applying pressure. Keep hands and body away from pinholes and nozzles which eject fluids under high pressure. Use a piece of cardboard or paper to search for leaks.

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



AB6;X9811 053;FLUID 100584

PROTECT AGAINST NOISE

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

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



AB6;X7662 053;NOISE 150584

TRANSPORTING SAFELY

Check local width laws before transporting. It is not recommended to transport on road with the Platform attached to combine. It is recommended that you use a Model 25 Transport Frame for the 200 Series Platform.

H10;;722C D 060286

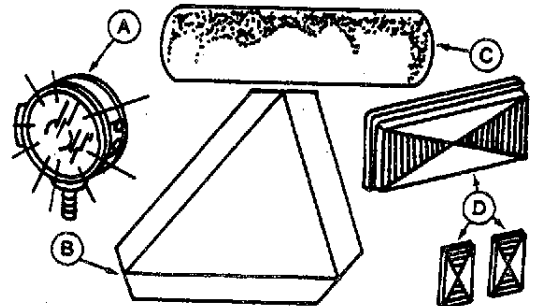
USE SAFETY LIGHTS AND DEVICES

When transporting your machine on a road or highway at night or during the day, use necessary safety lights. Check local governmental regulations. A safety lighting kit is available from your John Deere dealer.

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

A—Lights
B—SMV Emblem

C—Reflector Tape
D—Reflectors



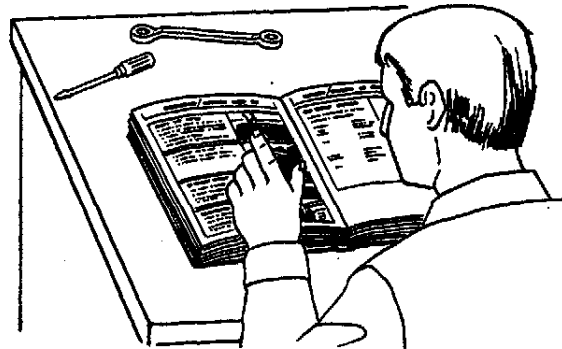
AB6;M36564 053;WARN 111085

LEARN MACHINE SAFETY

Carefully read this manual. Learn how to operate the machine and how to use the controls properly.

Do not let anyone operate this machine without proper instruction.

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



ABe;TS183 053;READ2 080785

FEEDER BEATER SLIP CLUTCH

Due to springs under load, do not disassemble or attempt to repair this slip clutch. See your John Deere dealer for service.

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Operation

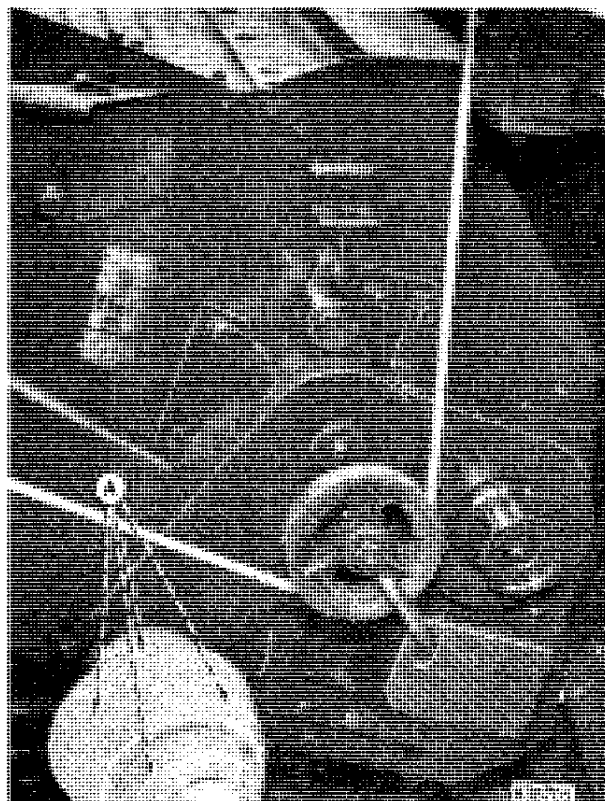
CONNECTING PLATFORM

1. (Both Sides) Lock pins (A) in.
2. Align pivot pin (B) to platform.
3. Move combine in until pillow blocks (C) are under top rail with combine touching header.
4. (Both Sides) Lift header and let pins (A) snap out into platform (both sides).



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5. (Both Sides) Connect drive shaft with four cap screws (A), lock washers and nuts provided.

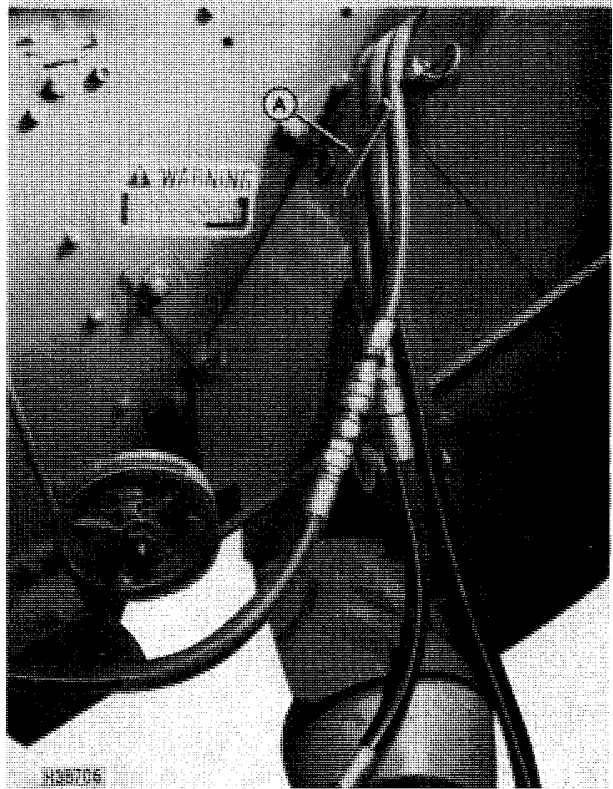


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Operation

6. Remove caps then connect hoses to platform.
7. Secure hoses in clamp (A) in order shown.

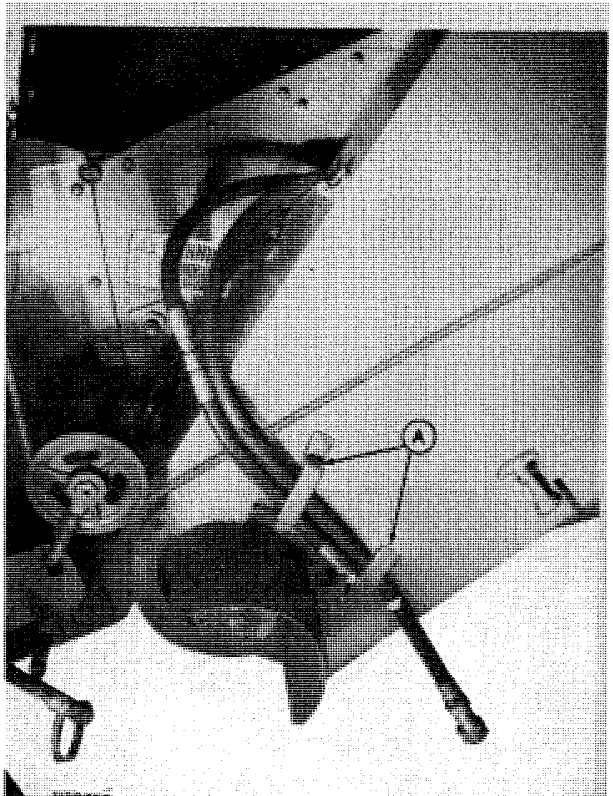
IMPORTANT: Hoses must be held by clamp (A) to keep them from being damaged by leveling cable.



030;H38706 H10;;722P C 060286

DISCONNECTING PLATFORM

1. Block platform so it will not roll.
2. Disconnect in reverse order.
3. Store hoses in clamps (A) in order as shown.
4. Plug hoses with protective caps.

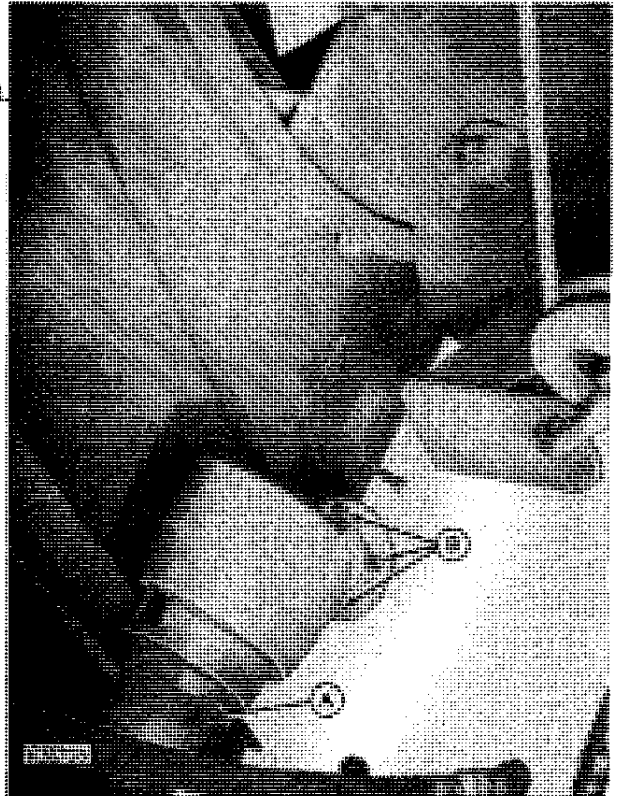


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Operation

5. (Both Sides) Store drive shaft in hook (A).

6. (Both Sides) Leave bolts (B) in drive shaft until needed.



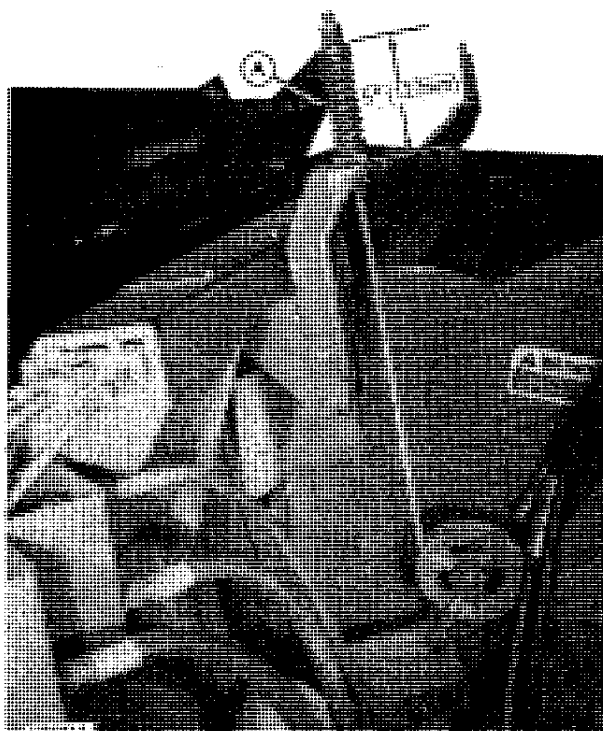
LEVELING PLATFORM

IMPORTANT: Tires must be inflated to equal air pressure for accurate leveling. See SPECIFICATIONS.

1. Locate combine on flat level ground.
2. Adjust cables on both sides of combine equally at turnbuckles until cable springs (A) compress to about 5 in. (127 mm).
3. Loosen or tighten turnbuckles until platform is parallel with ground.
4. Additional adjusting can be made at springs.

NOTE: When removing platform with feeder house from separator, disconnect front and rear cables at turnbuckles.

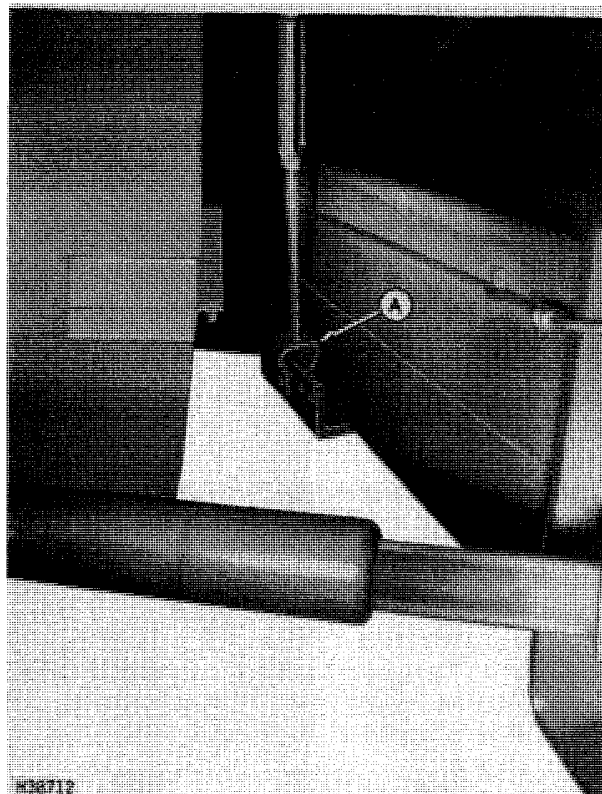
NOTE: When harvesting peas, you must loosen tension on platform leveling cables to prevent damage to cable sheave supports when platform is riding on the ground.



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ADDITIONAL CABLE ADJUSTMENT

Combine is shipped with cable bracket in third hole from front. Platform can be adjusted by moving bracket fore or aft.



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WARNING LIGHTS

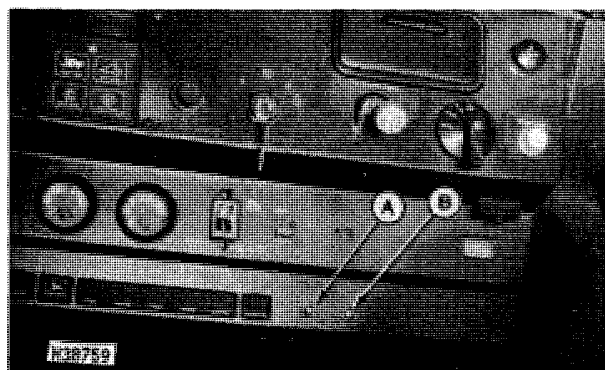
The limit switches turn on warning light (A) to warn operator that combine is at the leveling limit. The switches also cut out the control circuit and let the spool in leveling valve return to neutral.

⚠ CAUTION: Warning light (A) will flash when separator has reached the leveling limit. Beyond this point, the separator leans and the operator must proceed with utmost caution.

A—Leveling Limit Warning Light
B—Hydraulic Filter Light

Amber light (B) glows when filters are plugged.

IMPORTANT: When light goes on, stop combine and service right away.



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MANUAL LEVELING CONTROL SWITCH

If the leveling mechanism fails to work it can be overridden by manual control switch (A) on instrument panel. The switch returns to neutral position when released.

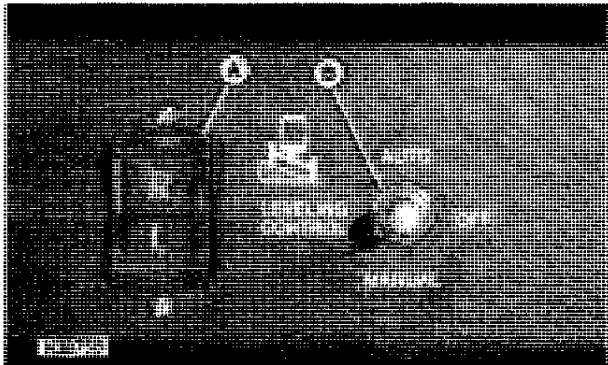
Push switch (A) at "R" for right-hand tilt and "L" for left-hand tilt.

If leveling control switch (B) is in "AUTO" position and switch (A) is pushed then released, combine returns to level.

If switch (B) is in "MANUAL" position and switch (A) is pushed and then released, combine stays tilted.

IMPORTANT: Do not run engine with combine in maximum tilted position, while on level ground. Running engine in this position causes loss of oil pressure and results in engine damage.

If switch (B) is in "OFF" position automatic and manual electrical circuits are turned off. Switch must be off when transporting.

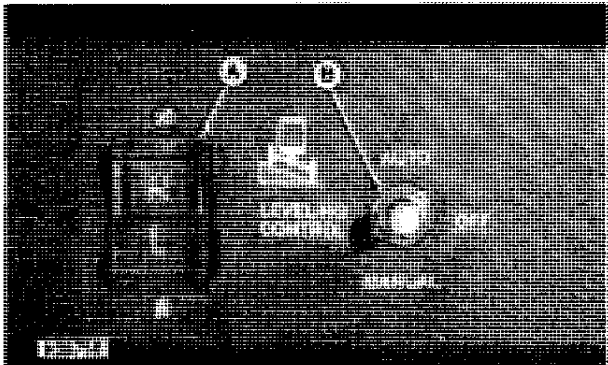


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LEVELING CONTROL SWITCH

Move switch (B) to "OFF" to turn off leveling mechanism for transporting.

Move switch (B) up to "AUTO" position for normal leveling operation. Move switch down to "MANUAL" position for manual leveling. Move switch to "OFF" position to turn off both manual and automatic leveling.



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LEVELING SYSTEM FUSE

A 6 amp fuse is located behind the instrument panel in the leveling wiring harness. Remove instrument panel to replace fuse.

IMPORTANT: Use of a fuse other than a 6 amp fuse could cause damage to the electrical leveling system.

H10;722P K 020486



Suggest:

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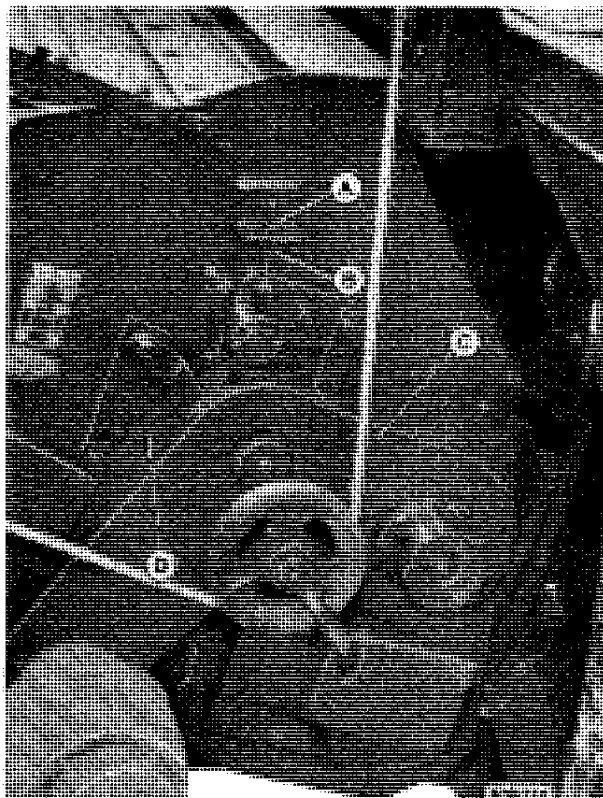
Thank you so much for reading

ADJUSTING FEEDER BEATER CHAIN

Loosen nuts (A) and (B). To tighten chains (C) and (D) tighten nut (A). To loosen chains loosen nut (A). After adjusting, lock with nut (B).

IMPORTANT: Clean area of hole at front sides of feeder house as needed to avoid damage to cutting platform tilt system.

Slip clutch does not require adjustment.



030;H38710 H10;722P M 020486

ENTERING CAB

⚠ CAUTION: Ladder extension is under tension and will snap back up when released.

1. Use lever (A) to pull extension down.
2. Step on lower rung then step on second rung.
3. Remove your foot slowly as you step from extension.



030;H38713 H10;722P N 060286

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