

STRAW CHOPPER ATTACHMENT



JOHN DEERE

OPERATORS MANUAL STRAW CHOPPER ATTACHMENT

OMH65031 A0 English

OMH65031 A0

LITHO IN THE U.S.A.
ENGLISH



TO THE PURCHASER

This operator's manual contains the necessary information regarding installation, operation, lubrication, adjustments and service so that you may obtain maximum service and satisfaction from your straw chopper attachment.

The straw chopper attachment can be installed on the following John Deere Combines:

- 55 - (Serial No. 5569001-)
- 65 - (Serial No. 6514001-)
- 95LL - (Serial No. 9520001
-)
- 95H - (Serial No. 9521001
-)
- 96 - (Serial No. 961501-)
- 105 - (Serial No. 1053001-)
- 106 - (-)

(Specifications and design subject to change without notice.)

LOCATION REFERENCE

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

"Clockwise" refers to parts turning to the right like the hands of a clock.

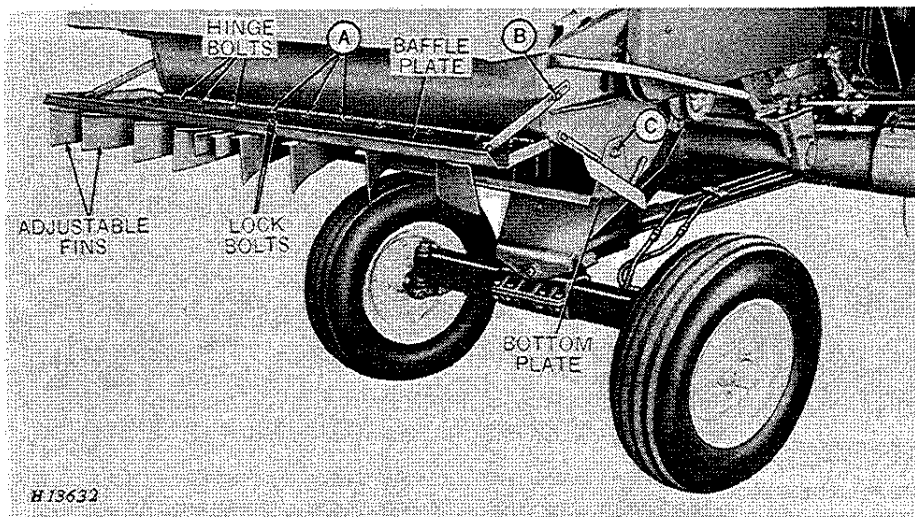
"Counterclockwise" refers to parts turning to the left.

Study this manual carefully and keep it handy with your combine operator's manual for future reference.

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OPERATION



The straw chopper chops the straw into short lengths and, at the same time, bruises it so that decomposition can take place rapidly. The adjustable fins can be adjusted to spread the material in an even, thin layer over a wide area behind the combine. They also can be adjusted to keep the material off the uncut crop.

ADJUSTING WIDTH OF SPREAD

Set the adjustable fins at the discharge end so the chopped material is spread evenly over the entire width of cut and so it does not cover the uncut crop. Loosen lock bolts and hinge bolts, position fins as required, and tighten bolts. Additional width of spread can be obtained by moving the inner ends of fins to slots "A."

ADJUSTING BAFFLE PLATE

The baffle plate is adjustable up and down to control the distance the

chopped material is thrown. In the highest position, the chopped material will be thrown the maximum distance; in the lowest position, it will be thrown the minimum distance. Loosen nuts at "B," both sides, position baffle plate at desired height and tighten nuts.

ADJUSTING BOTTOM PLATE

The bottom plate of the chopper housing is hinged so the chopped material may be directed against the baffle plate for most effective spreading. Loosen nuts at "C," both sides, position bottom plate at desired location, and tighten nuts.

WINDROWING STRAW IN CLEAN FLAX

Remove the straw chopper from combine.

COMBINING CORN

To prevent damage remove the chopper when combining corn.

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Hello dear friend!

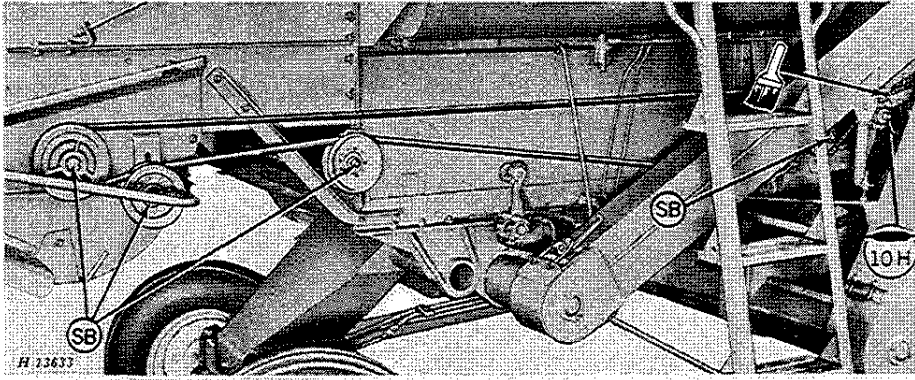
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LUBRICATION



SYMBOLS	
	Lubricate every 10 hours of operation with SAE multipurpose grease.
	Sealed Bearing—No lubrication required.
	Brush chain with SAE 10W oil periodically.

SAFETY SUGGESTIONS

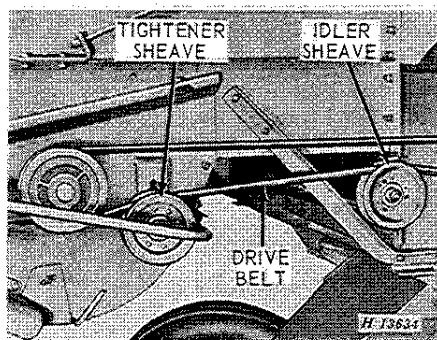
Keep shields in place at all times.

Don't stand behind straw chopper while it is running; don't allow others to do so.

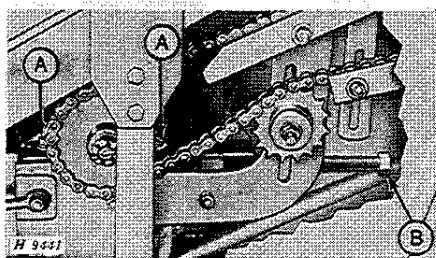
Shut off engine and disengage drive before adjusting or servicing straw chopper.

ADJUSTMENTS AND SERVICE

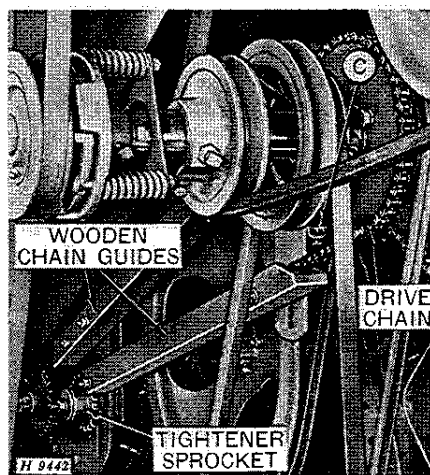
ADJUSTING DRIVE BELT AND CHAIN TENSION



Keep the drive belt tight enough so it will run without slipping. Adjust belt tension with tightener sheave. If due to belt stretch, the tightener sheave does not tighten the belt sufficiently, the countershaft bearing housing can be moved forward to take up slack in the belt.



To move the bearing housing forward, loosen the two cap screws "A" and thread drive belt adjusting bolt "B" into countershaft bearing housing. Tighten cap screws "A" when housing has been moved far enough forward.



After completing drive belt adjustments, check the drive chain tension. The drive chain should be just tight enough to run without climbing or jumping sprockets. Adjust, as necessary, with tightener sprocket and adjust wooden chain guides so they are directly under the chain, with a slight clearance between chain and ends of guides. Adjust chain guide front support "C" so chain is centered in guides.

Do not use the guides as chain tighteners.

REMOVING SIEVE OR CHAFFER

It is not necessary to remove the straw chopper housing from the separator, however, the housing can be moved rearward to obtain more working room. To move housing rearward, remove drive belt and bolts holding straw chopper to hanger. Slide housing back about half way and install bolt temporarily in center hole in hanger.



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4 *Adjustments and Service*

ADJUSTING BLADES AND SPACERS

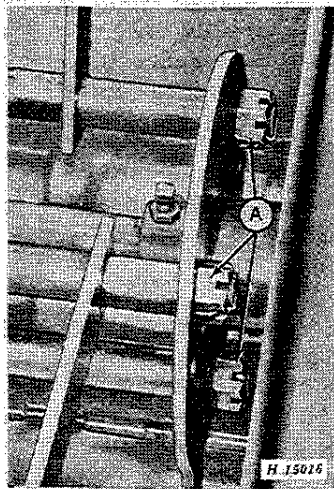
The straw chopper blades should be free to rotate with an absolute minimum of side play.

On a 55 or 65 Combine, if the blades are not free or if they tend to stay in one position, correct as follows:

Remove cotter pin from nut "A" on one end of the hinge rod. Back off nut one castellation at a time, until all blades are free to rotate. Adjust nuts "A" on the other two rods equally.

If blades have too much side play, tighten each nut "A" an equal amount until side play is at a minimum.

After adjustments have been made, replace cotter pins.

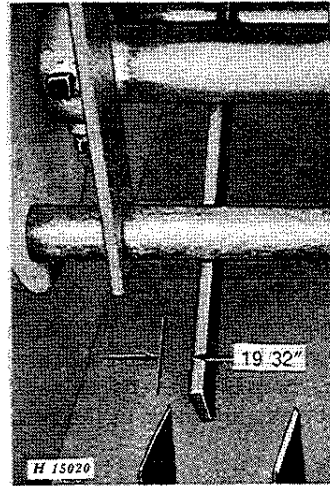


On a 95LL, 95H, 96, 105, or 106 Combine, if the blades are not free, or if they tend to stay in one position, see your John Deere dealer.

ALIGNING BLADES

The proper clearance between the rotary blades and the stationary knife sections is 19/32-inch.

If adjustment is necessary, loosen bearing locking collars and move the rotor blade assembly to obtain the 19/32-inch clearance. Tighten locking collars after making adjustment.



It pays to be careful for your own sake!

Accidents can . . .

Pain

Lame

Maim

and cost you money!

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