

STRAW CHOPPER ATTACHMENT



JOHN DEERE

OPERATORS MANUAL STRAW CHOPPER ATTACHMENT

OMH65045 H7 English

OMH65045 H7

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:

- 40 - Serial No. 40-7001 and up
- 42 - Serial No. 42-4001 and up
- 45 - Serial No. 45-35001 and up

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

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.

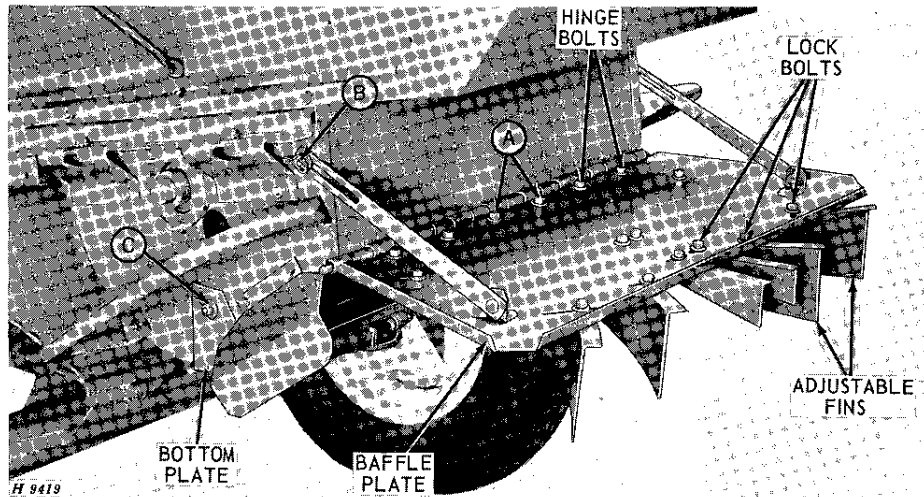
"Counterclockwise" refers to parts turning to the left.

(Specifications and design subject to change without notice.)

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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 uncut crop. Loosen lock bolts and hinge bolts, position fins as required, and tighten bolts. Additional width of spread can be obtained by moving 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.

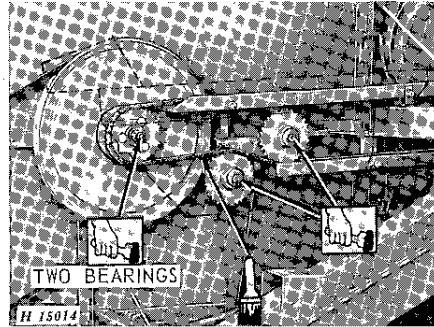
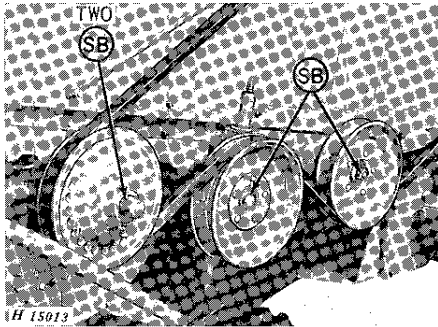
WINDROWING STRAW IN FLAX

Remove the straw chopper from combine.

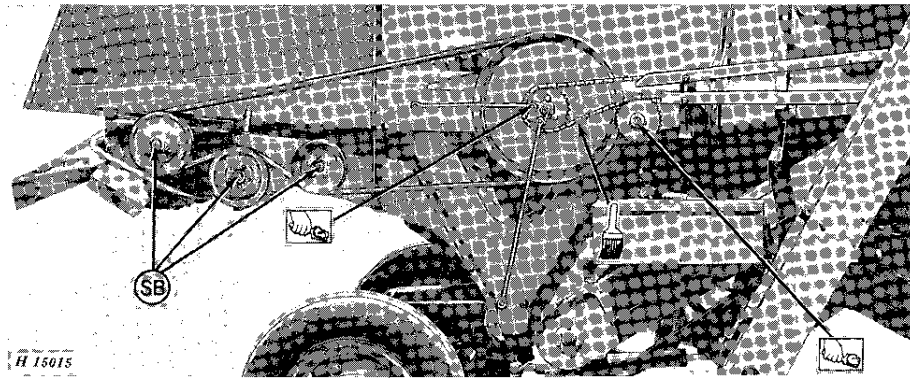
COMBINING CORN

To prevent damage remove the chopper when combining corn.




LUBRICATION



40 and 42 Combines



45 Combine

SYMBOLS	
	<p>Hand Pack Every 250 Hours of Operation with SAE Multipurpose Grease.</p>
	<p>Sealed Bearing—No lubrication required.</p>
	<p>Brush chain with SAE 10W oil periodically. Do not lubricate chain in dusty or sandy conditions.</p>



SAFETY SUGGESTIONS

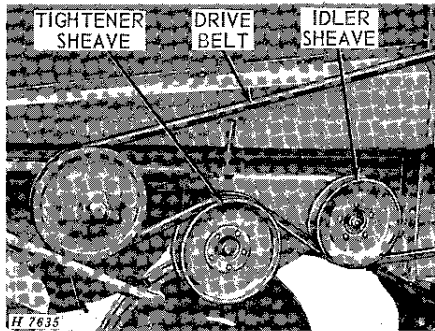


Keep shields in place at all times.
 Don't stand behind straw chopper while it is running; don't allow others to do so.

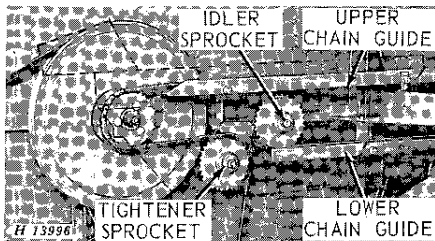
Shut off engine and disengage drive before adjusting or servicing straw chopper.

ADJUSTMENTS AND SERVICE

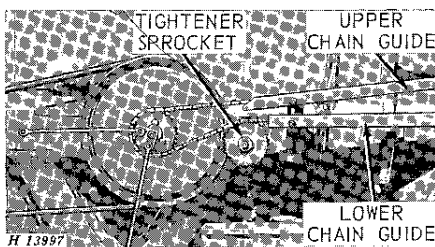
ADJUSTING DRIVE BELT AND CHAIN TENSION



Keep the drive belt tight enough to prevent slippage. Adjust belt tension with tightener sheave.



40 and 42 Combines



45 Combine

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 that they are just under the chain.

Do not use the guides as chain tighteners.

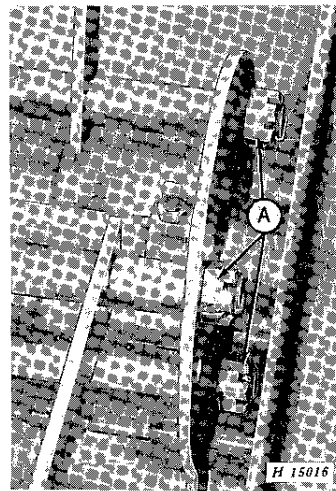
REMOVING SIEVE OR CHAFFER

It is necessary to remove the straw chopper housing from the separator to remove the chaffer and sieve. To remove the housing, remove drive belt and bolts securing housing to support plates.

ADJUSTING BLADES AND SPACERS

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

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.

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