

NO. 5 FLAIL PICKUP



OPERATORS MANUAL NO. 5 FLAIL PICKUP

OME38609 E6 English

OME38609 E6

LITHO IN THE U.S.A.
ENGLISH



INTRODUCTION

Your new John Deere Flail Pickup is a dependable machine. With proper care and operation, you can expect to receive the service and long life designed and built into it. Like any precision machine your pickup will require some attention at regular intervals. When any questions arise regarding lubrication and adjustments, etc. use your manual as a guide to service your machine the RIGHT WAY.

If you need additional information or special service not covered in this manual, see your John Deere dealer.

When in need of parts either to replace worn parts or to make emergency repairs, see your local John Deere dealer.

When ordering parts, give your dealer the model and serial number of your pickup. This information will help him give you prompt and efficient service.

The serial number of your pickup is located on the lower right-hand side of the rotor housing.

CONTENTS

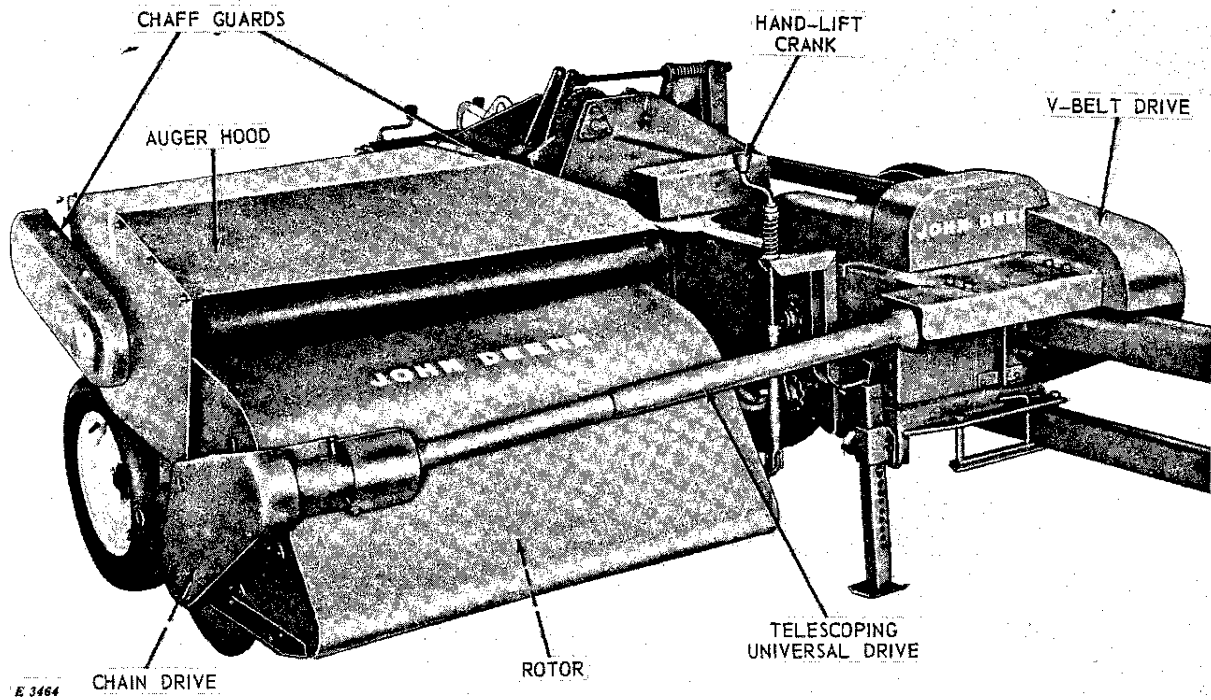
	Page
Identification View	1
Specifications	1
Operation	2-4
General	2
Adjusting pickup height	2
Rotor	2
Detaching from baler	3
Axle extensions (24 Series Baler)	3
Safety suggestions	4
Lubrication	5
Service	6-7
Rotor hammers	6
Drive belt tension	7
Chain tension	7
Assembly	8-17

NOTE: Right and left-hand sides referred to in this manual are determined from a position at the rear of the machine facing in the direction of travel.

SPECIFICATIONS

Balers adapted to (Power Take-Off Only)	14T, 24, 214, and 224
Shredding height	3 to 8 in.
Shredding width	48 in.
Power take-off drive	540 rpm
Size of tractor recommended	2-Plow tractor or larger
Number of hammers	28
Rotor: diameter	24 in.
speed	1000 rpm
Bearings	Ball in rotor and drive, needle in idler
Weight with hand lift (approximately)	660 lbs.

(Specifications and design subject to change without notice.)



Front View of No. 5 Flail Pickup on 24T Baler

OPERATION

GENERAL

Your flail pickup is designed primarily to shred waste material such as cornstalks and other stemmy crops for use as bedding.

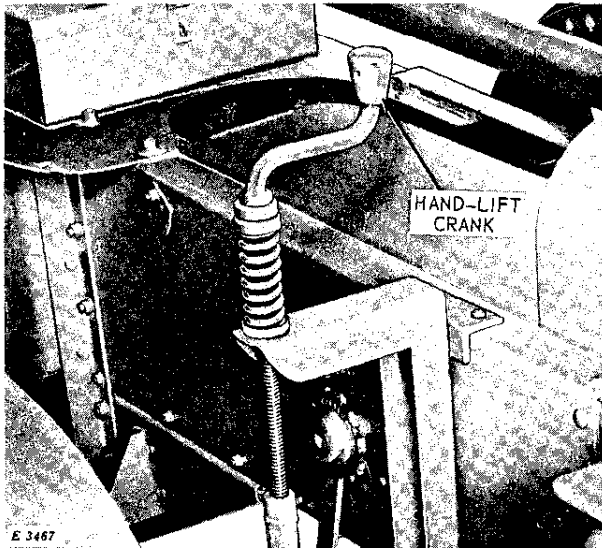
Bedding of this type has high moisture absorbing characteristics. Being able to bale it will allow you to handle and store the material more easily, thus enabling you to fully utilize the benefits of this type of bedding.

Do not use your flail pickup for baling normal hay crops. Remove it and reinstall your hay pickup unit. (See page 3.)

ADJUSTING PICKUP HEIGHT

NOTE: Refer to your baler operator's manual for information concerning operation, lubrication and service of the baler.

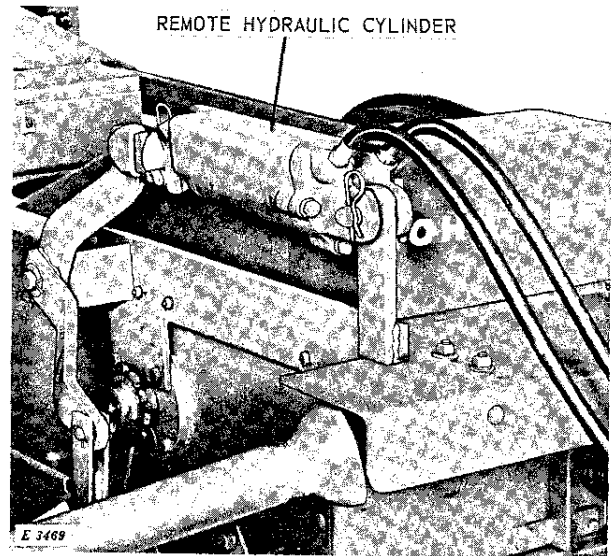
The flail pickup is easy to operate. The only adjustment required for satisfactory operation is the height of the hammers in relation to the ground. The shredding height of the hammers is controlled by the pickup height and can be varied from 3 to 8 inches. Three inches above the ground is recommended.



Use the hand lift crank or a remote hydraulic cylinder to gauge the shredding height.

NOTE: Refer to your tractor operator's manual for correct information regarding the hookup of the remote hydraulic cylinder oil lines.

The cylinder can be a single acting or a double acting cylinder that conforms with ASAE-SAE Standards.



ROTOR

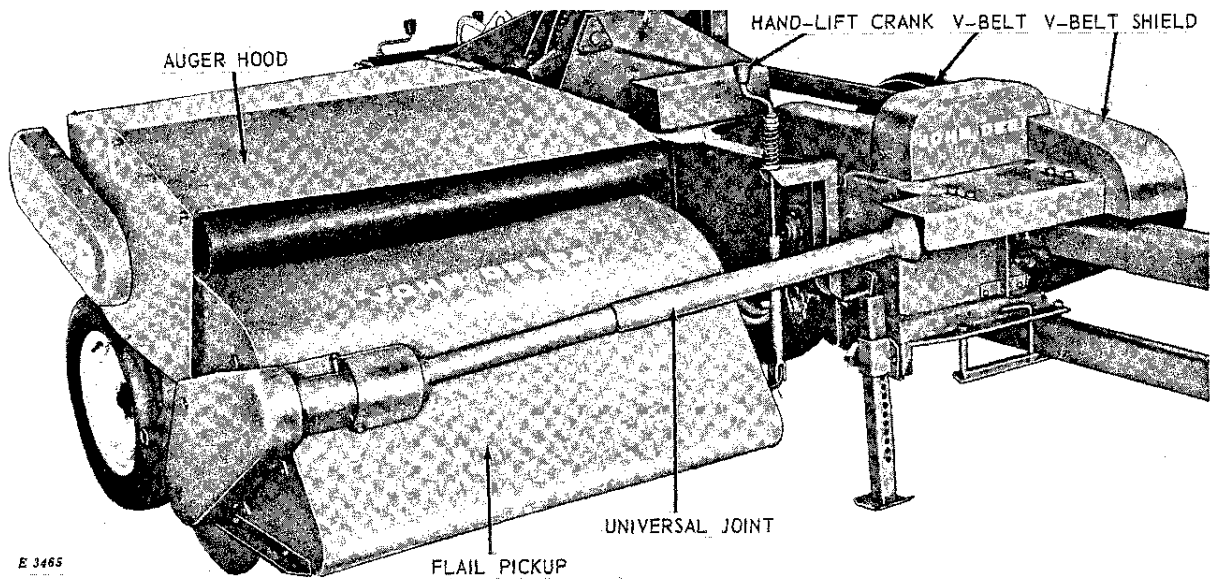
The rotor on your flail pickup is dynamically balanced and must be maintained in balance throughout the life of the machine. Make sure hammers and retaining rods are in good condition and retaining wedges are tight at all times. A loose or excessively worn part may fracture unexpectedly when striking an obstruction.

CAUTION: Should excessive vibration occur, disengage the tractor PTO shaft immediately! Shut off the tractor and determine the cause of trouble. Correct the trouble before operating again. (See page 6.)



Due to weight of rotor, hammers may continue to revolve for some time after tractor power take-off shaft is disengaged. Make sure rotor has stopped before working on any portion of machine.

DETACHING FROM BALER



Before using the baler in hay crops remove the flail pickup and install the hay pickup.

U-joint and hand lift crank or remote hydraulic cylinder lift arm.

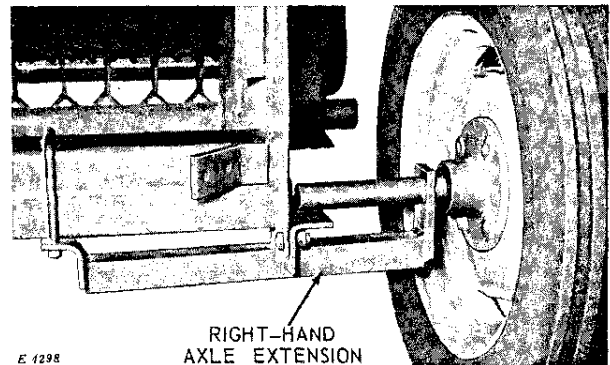
The only parts necessary to remove with the flail pickup are the auger hood, V-belt and shield,

NOTE: The pickup drive and mounting, and the mounting for the hand lift or the remote cylinder may be left on the baler.

**AXLE EXTENSIONS
(24 Series Balers)**

The use of axle extensions on the 24 Series Baler will improve wheel alignment with field rows when the rows are spaced 38 inches or more.

Both right-hand and left-hand extensions are available and may be used separately or together to provide the best alignment in various row widths.



SAFETY SUGGESTIONS



This machine has been carefully shielded for your protection—nevertheless, ordinary caution must be exercised in operation. Always keep all safety shields in place when operating baler. Avoid serious accidents by keeping hands and clothing away from chains, belts, and other moving parts.

Before servicing or adjusting the baler, or removing bales or other material from it, or hitching wagon to baler, always:

- (a) disengage all power,
- (b) shut off engine, and then
- (c) wait until baler flywheel has stopped rotating.

Tractor hookup and pickup drive shaft rotating shields must turn freely. Use light oil on nylon bearings as necessary.

Stand clear of machine at all times when machine is operating.

Always shut off the engine before refueling.

Do not smoke or use an oil lantern when refueling any engine.






LUBRICATION

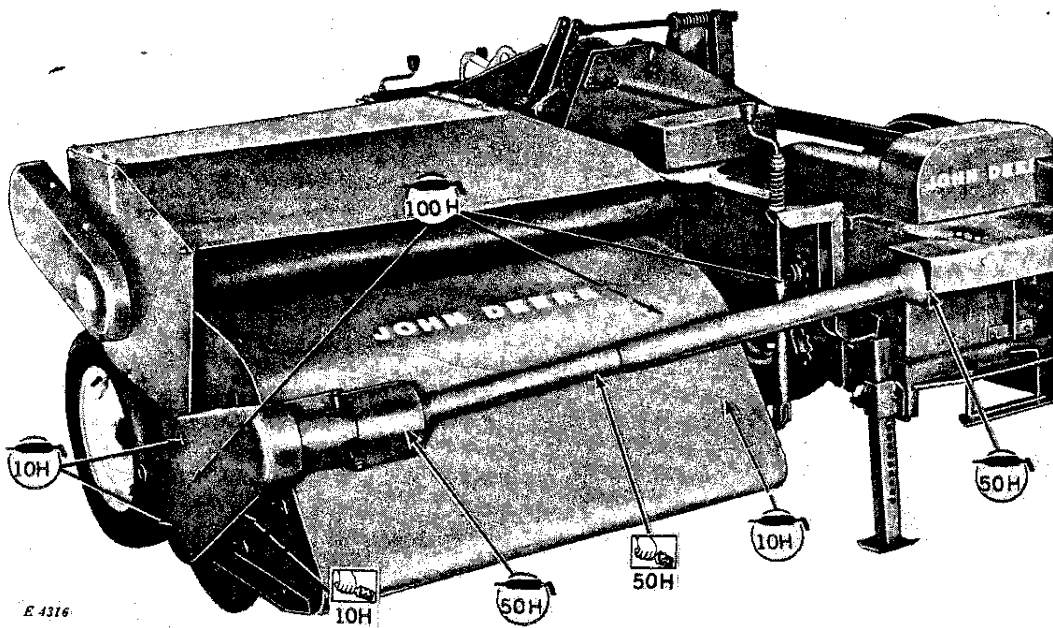
The economical and efficient operation of any machine is dependent upon regular and proper lubrication of all moving parts with a quality lubricant. Neglect leads to wear, break-down, and needless replacement of parts.



CAUTION: Do not clean, lubricate, or adjust your machine until power is shut off and baler flywheel has stopped rotating.

Symbols

- | | |
|---|---|
|  | Grease every 10 hours of operation with SAE multipurpose-type grease. |
|  | Grease every 50 hours of operation with SAE multipurpose-type grease. |
|  | Grease every 100 hours of operation or once each cutting with SAE multipurpose-type grease. |
|  | Brush chain with SAE multipurpose-type grease every 10 hours of operation. |
|  | Brush telescoping shaft with SAE multipurpose-type grease every 50 hours of operation. |



E 4316

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com