

70 BASKET ATTACHMENT FOR 282 COTTON STRIPPER



OPERATORS MANUAL 70 BASKET ATTACHMENT FOR 282 COTTON STRIPPER

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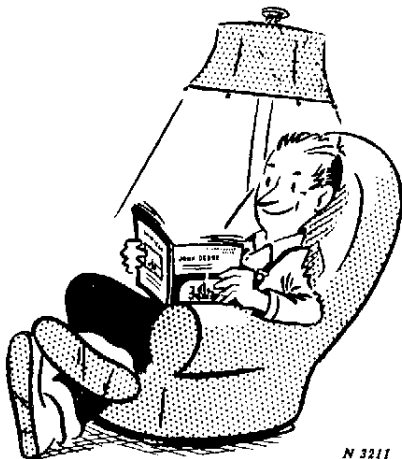




TO THE PURCHASER

Your new cotton stripper basket attachment was built to rigid manufacturing standards. Material and workmanship are the best. How long it will last and continue its good work is a matter entirely in your hands.

The way you operate your equipment and the care you give it have much to do with the service and satisfaction you will get from it. This manual has been carefully prepared and illustrated to show you what to do and when to do it. It explains the adjustments that are built into the attachment and gives instructions on when and how to make these adjustments. The best use of these adjustments to suit the conditions in which the attachment is operating is a responsibility that is completely up to the operator.



N 3211

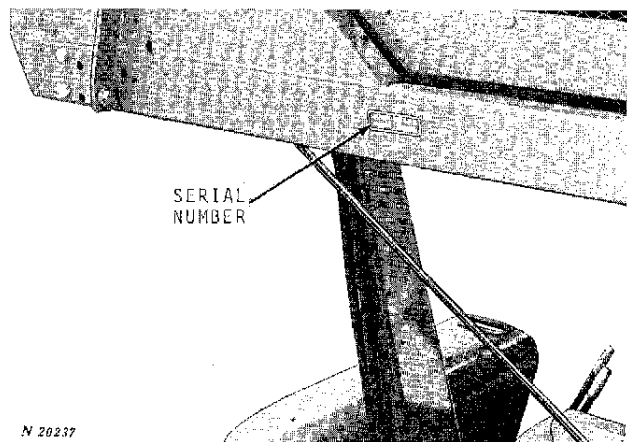
If you find you need information not covered in this manual or if your basket attachment requires special servicing, take advantage of the facilities offered by your John Deere dealer. He has trained mechanics, who are kept informed on the best methods of servicing and can give you prompt "know how" service in the field.

Information concerning the warranty on this basket attachment appears on your copy of the delivery receipt which you should have received from your dealer when the basket attachment was delivered to you.

LOCATION REFERENCE

Location references, "Right" and "Left," "Front" and "Rear" refer to the operator's "Right" or "Left" and "Front" or "Rear" when facing the same direction the machine will travel when in use.

SERIAL NUMBER



N 20237

The serial number is stamped on a plate located on the rear basket frame. Write this number below for later reference.

JOHN DEERE 70 BASKET ATTACHMENT

SERIAL NO. _____

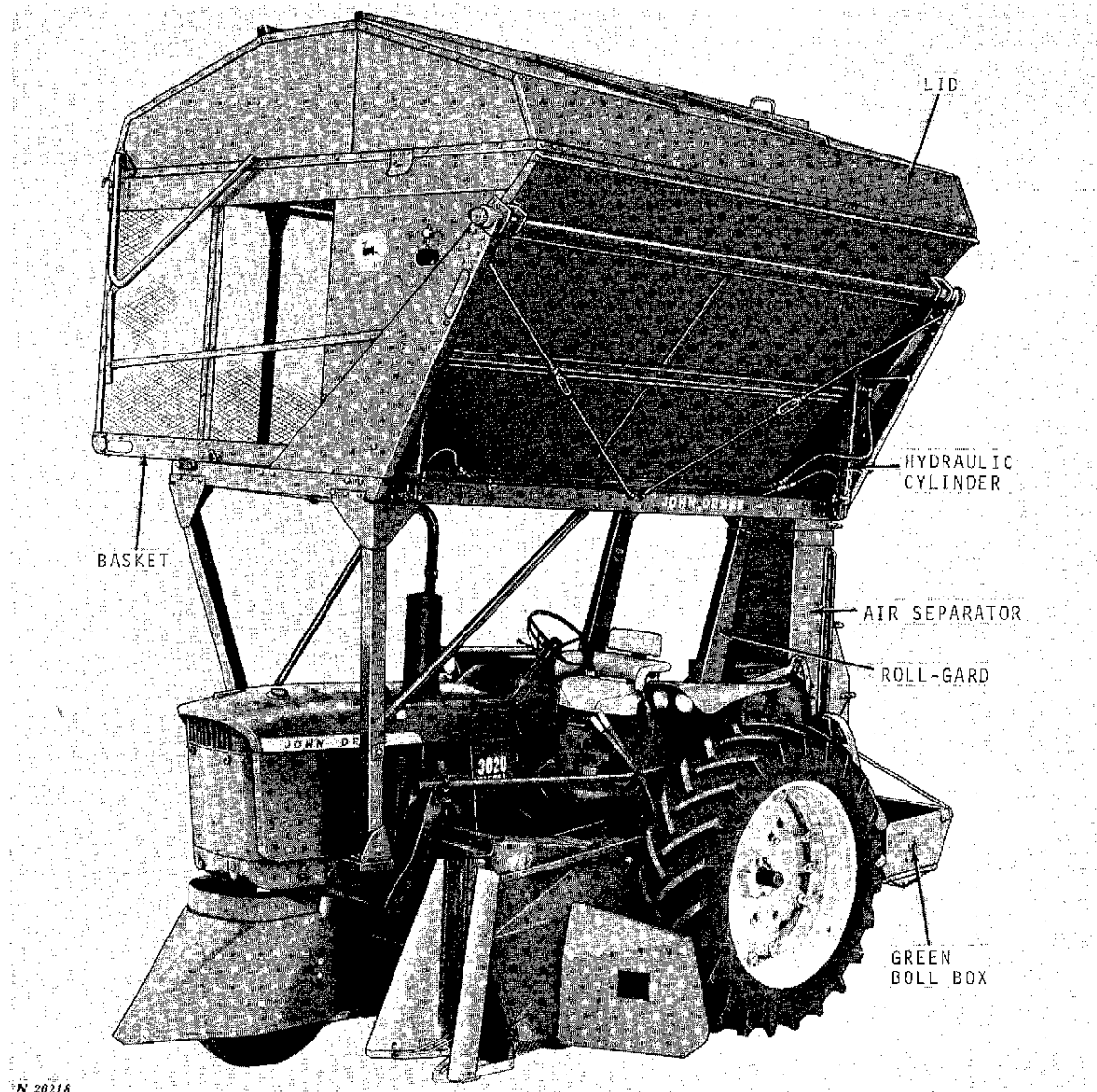
DATE PURCHASED _____

(To be Filled in by the Purchaser)



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N 20216

John Deere 70 Basket Attachment with 282 Cotton Stripper on 3020 Tractor



SPECIFICATIONS

MODEL

70 Basket Attachment - For use with John Deere 282 Cotton Stripper

TRACTOR MOUNTING

John Deere 2510, 2520, 3010, 3020, 4010 and 4020 Tractors equipped with rockshaft, 3-point hitch and remote cylinder outlet.

TIRES

The basket attachment is recommended for use with tractors equipped with 11.00 - 12, 12-ply single or 7.50 - 15, 6-ply dual front tires and 15.50 - 38, 8-ply rear tires (or larger).

REAR TIRE BALLAST

600 pounds ballast for each rear tire is recommended to improve stability.

FAN

16-Inch Diameter Centrifugal Fan, 2350 rpm to 2750 rpm (At rated tractor PTO speed)

BASKET

Capacity 515 cu. ft.
(2575 lbs. seed cotton*)

Dumping Height 12 ft. (Approx.)

**Based on approximately five pounds of seed cotton per cubic foot.*

WEIGHT (APPROXIMATE)

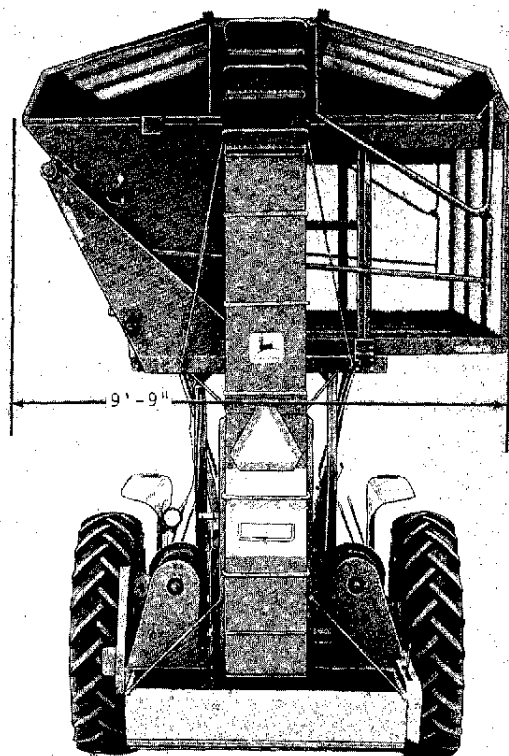
Basket and air separator 2550 lbs.

Basket, air separator and 282 Cotton Stripper 5065 lbs.

SPECIAL EQUIPMENT

Green Boll Box (Capacity is 10 Cu. Ft.)

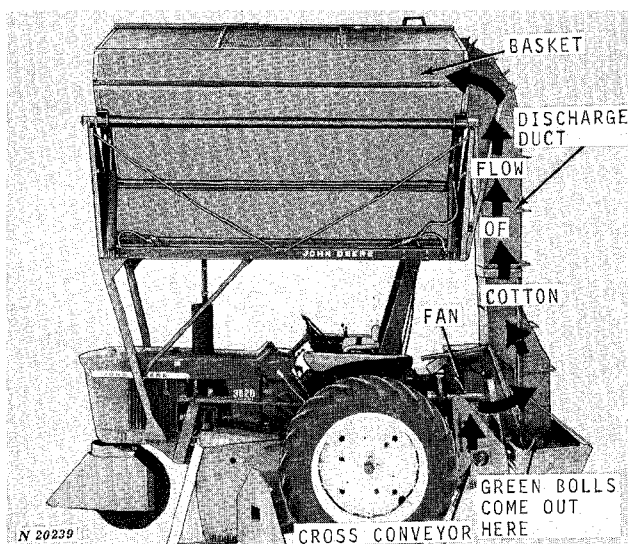
DIMENSIONS





OPERATION

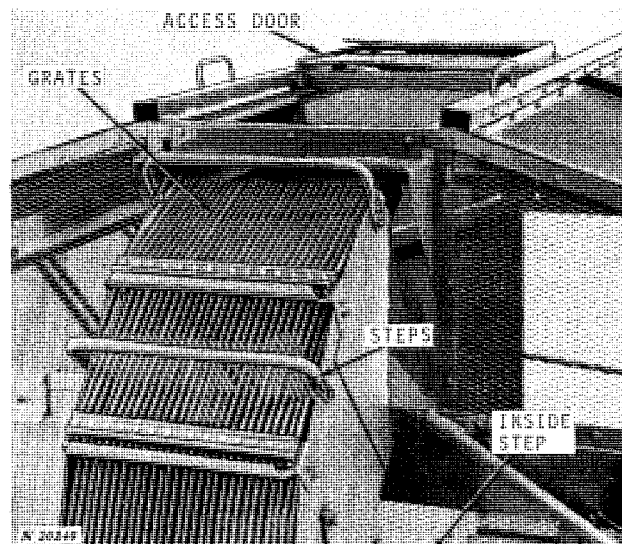
HOW IT WORKS



A jet air stream is created within the air delivery system by a 16-inch diameter centrifugal fan, located just above the cross-auger opening. The fan is driven by the tractor PTO, through a series of sheaves and a drive belt. The fan forces a stream of air upward through a jet nozzle in the discharge duct, causing a low-pressure area below the nozzle. To fill the low-pressure area, an air flow enters from the cross-auger opening, green boll opening and from the air intake door and mixes with the jet air to form the necessary jet air stream. Open cotton does not touch any moving part as it is carried directly to the basket. Green bolls and other foreign materials will drop, if the adjustable air intake door and fan speed is allowing the right mixture of air into the system. The bolls will drop into the green boll box or on the ground, if the machine is not equipped with a green boll box.

The basket holds approximately 2575 pounds of seed cotton. Two double-acting hydraulic cylinders raise and lower the basket for dumping. The lid opens and closes automatically as the basket is raised and lowered. The lid guides allow the lid to lower into position.

IMPORTANT: Never tramp or pack cotton in the basket. This will work trash and dirt into the cotton, lowering the grade of cotton.



The air separator and discharge duct have steps up to the lid to allow access to the door at the top of the basket lid and to allow cleaning of discharge duct grates and basket lid grates.

A door on top of the basket lid and a step inside of the basket provide access to the inside of the basket.

Twice a day check the grates at the top of the discharge duct and basket lid. Clean lint and trash from grates and basket wire mesh when necessary.

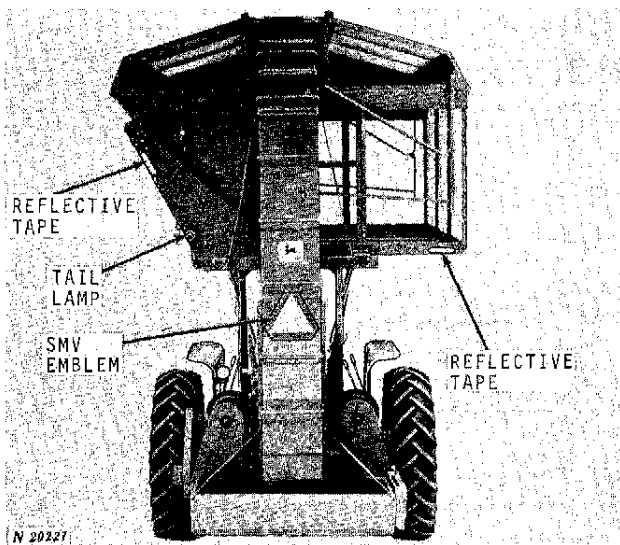
CONTROLS

TRACTOR REMOTE CYLINDER OPERATING LEVER

The tractor remote cylinder operating lever controls dumping the basket. The hoses should be connected so basket raises when lever is moved forward and lowered when moved backward.

4 Operation

TRANSPORTING



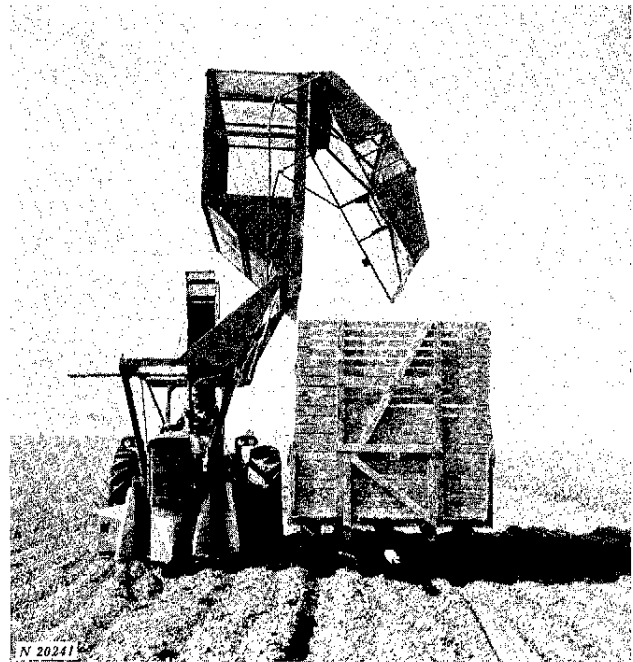
CAUTION: Check clearance carefully before driving the stripper under electric wires, bridges, or into buildings.

Keep tractor in gear when going down grade.

Do not exceed transport speed of 10 mph.

CAUTION: When transporting the stripper on a road or highway at night or during the day, use accessory lights and devices for adequate warning to the operators of other vehicles. In this regard, check local governmental regulations. Various safety lights and devices are available at your John Deere dealer.

DUMPING THE BASKET



Stop the tractor with the trailer or truck on the left-hand side of the stripper. Be careful not to strike the wheel shield.

Move the remote control lever on the tractor forward to raise the basket and rearward to lower the basket. Be sure the lever returns to neutral or centered position when basket is down.

CAUTION: Rear tire ballast must be 600 pounds. Turns and slopes are to be negotiated at slow speeds with basket full. Always dump basket on level ground.

Never advance the throttle more than halfway when raising the basket. Never stand up on the tractor operator's platform while raising or lowering the basket.

Never drive the stripper with the basket raised. You could tip over the stripper.

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