

John Deere 15A and 16A Rotary Choppers



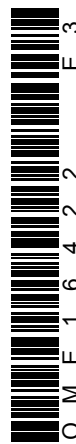
JOHN DEERE

OPERATORS MANUAL John Deere 15A and 16A Rotary Choppers

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To the Purchaser

This new rotary chopper was carefully designed and manufactured to give years of dependable service. To keep it running efficiently, read the instructions in this operator's manual. Each section is clearly identified so you can easily find the information you need - whether it is operation, lubrication, or service. Read the "Table of Contents" to learn where each section is located. Use the "Alphabetical Index" for fast reference.

In addition to the equipment furnished with your rotary chopper, attachments are available to help you do a better job in special crop conditions. These are described in the "Attachments" section of this manual and can be purchased from your John Deere dealer.



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.

"Right-hand" (R.H.) and "left-hand" (L.H.) sides are determined by facing in the direction the chopper will travel when in use.

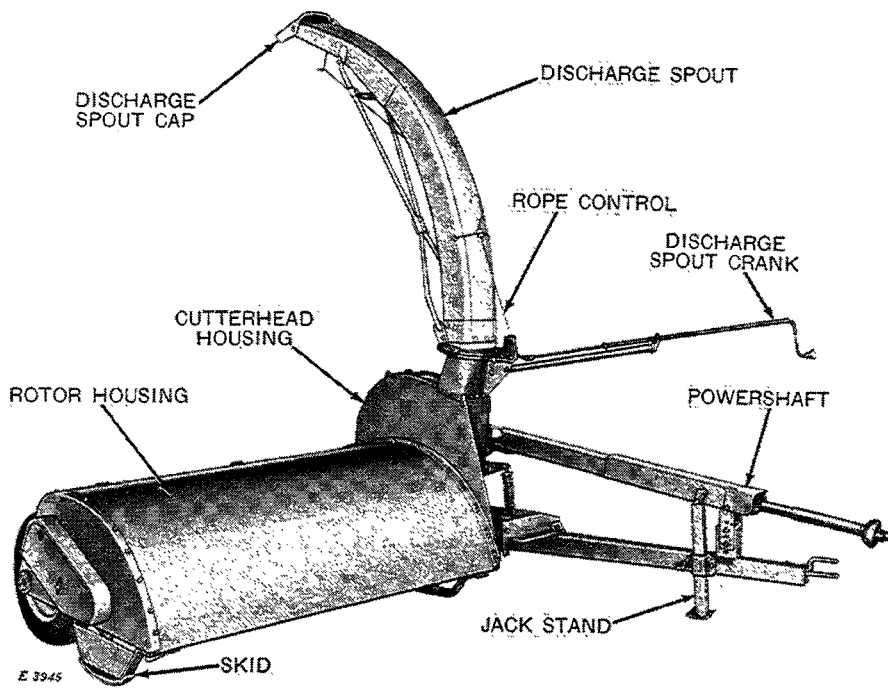
Record your rotary chopper serial number in the space provided on page 21. Your dealer needs this information to give you prompt, efficient service when you order parts. If your chopper requires replacement parts, go to your John Deere dealer where you can obtain genuine John Deere parts—accept no substitutes.

The warranty on this rotary chopper appears on your copy of the purchase order which you should have received from your dealer when you purchased the rotary chopper.

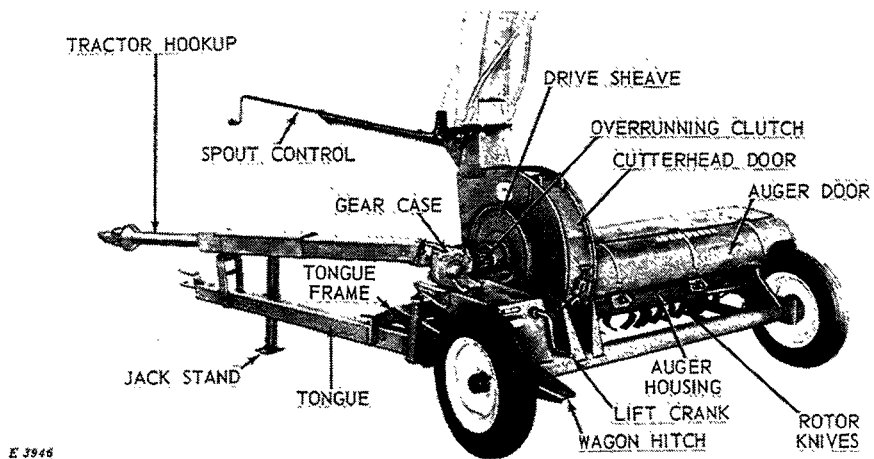


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Right-hand front view of John Deere 16A Rotary Chopper



Left-hand rear view of John Deere 15A Rotary Chopper

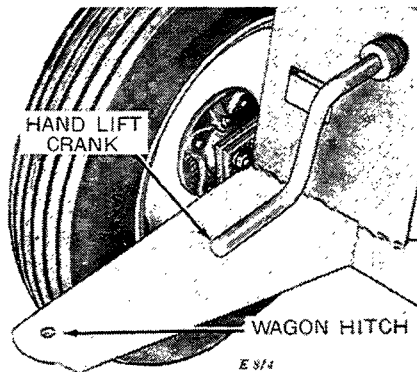


Operation

Your John Deere Rotary Chopper has many uses. As a direct-cut machine for use in green feeding operations and in making grass silage, the chopper gives top performance. The number of auxiliary functions is practically unlimited. A few of them are: harvesting straw, cornstalks, and similar crops for bedding; topping sugar beets before digging the beets and saving the tops for silage; shredding cotton, corn, hegari and other stalks for pest control and for aid in plowing under residue; chopping up tree and bush prunings around orchards and vineyards; chopping brush and weeds in clipping pastures and rough land; chopping stalks for silage after picking sweet corn; making silage from hegari; and many other uses.

PREPARING THE CHOPPER

Hitching Wagon

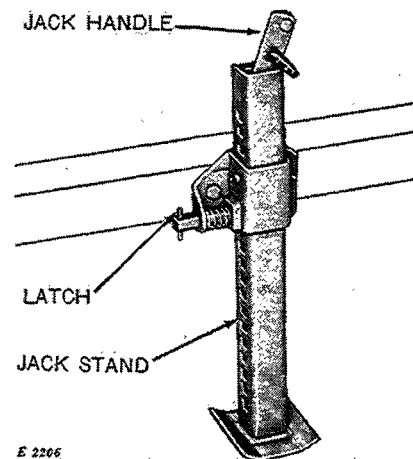


A wagon hitch, on the rear of the chopper, is provided for attaching a wagon when operating the machine with the discharge spout set for rear delivery.

Hand Lift Crank

The hand lift crank is located on the rear main frame, just above the wagon hitch, and is used to raise or lower the rotor into transporting or operating positions. To raise the rotor knives, turn the crank clockwise. To lower the knives, turn the crank counter-clockwise.

Jack Stand



While operating or transporting the chopper, the jack stand (located on the side of the tongue) is held firmly out of the way by a spring-loaded latch.

NOTE: Seat the latch in one of the five bottom holes to lock the stand in raised position. Operate the jack stand as follows:

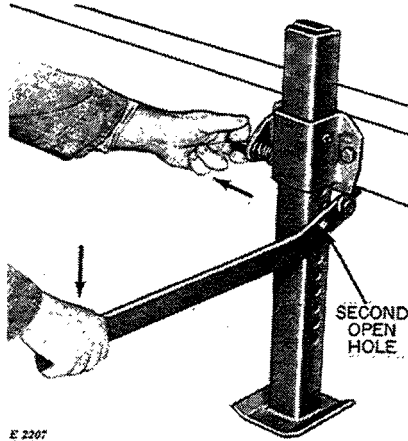
Raising Tongue

1. Place the pin on the jack handle completely through the first open hole in the front of the jack stand which is immediately under the jack stand mounting bracket.
2. Push down on the jack handle to raise the tongue.
3. Repeat Steps 1 and 2 to raise the tongue higher.

PREPARING CHOPPER - Continued

Jack Stand—Continued

Lowering Tongue



1. Place the pin on the jack handle completely through the second open hole below the jack mounting bracket in the front of the jack.

2. Push down on the jack handle; then pull out the latch in the rear of the jack stand. Relax the pressure on the jack handle and release the latch.

3. Repeat Steps 1 and 2 to drop the tongue lower.

Replace the jack handle in the top of the jack stand.

NOTE: It is not necessary to use the jack handle after weight of chopper is removed from the jack. The jack may be raised by pulling the latch and lifting the jack by hand. The jack will lower itself to the ground when the pin is pulled.

Tires

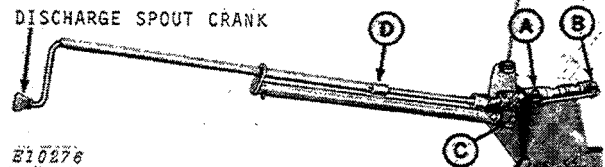
Proper inflation is essential to the long life of a tire. Lack of air pressure allows the tire to slip on the rim and buckles the side walls, resulting in torn valve stems and uneven tread wear. Too much pressure causes undue strain on tire structure and may result in ruptures due to impact with stones, roots, or ruts. It also causes excessive tread wear and allows tires to cut in more on wet ground.

Keep valve caps finger-tight on valve stems. This will prevent dust, fine gravel, mud, and other foreign material from entering the valve core and permitting the compressed air to escape.

Check the tire pressure frequently and inflate or deflate tires to obtain proper air pressure as given in tire inflation chart below.

Tire Size	Pressure
5.90 x 15 - 4-ply rating	28 psi

Discharge Spout Control



Rotate the discharge spout to any desired delivery or to transport position by pushing the spout crank to the rear and turning the crank.

Direct the flow of material with the discharge spout cap by pulling the crank forward and turning the crank.

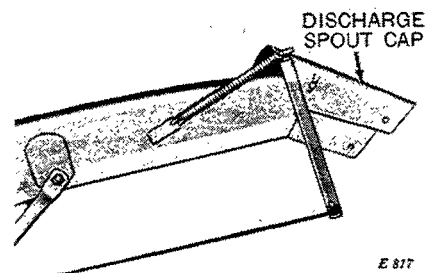
Return the crank to the center (neutral) position after regulating spout or cap.

Adjust the tension on the cap control brake at "A" when the crank is in the forward position.

Adjust the tension on the rotating crank brake at "B" when the crank is in the rearward position.

Adjust the height of the crank at "C" and the length at "D" to permit the crank to be easily reached from the tractor seat.

CAUTION: Adjust the crank high enough to clear the tractor tires when making sharp turns with chopper in transport position.



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