

313 Corn Attachment



OPERATORS MANUAL 313 Corn Attachment

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TO THE PURCHASER

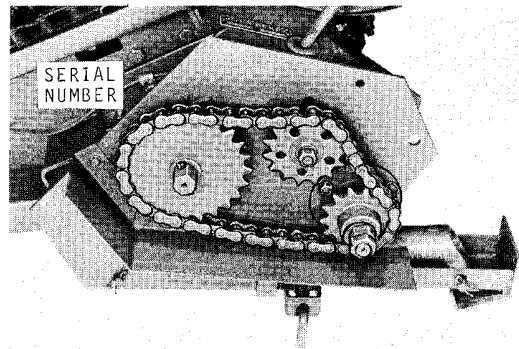
This manual contains valuable information on how to operate and adjust the John Deere 313 Corn Attachment.

This John Deere Corn Attachment is designed to handle a wide range of crop conditions. Field conditions vary from year-to-year, from day-to-day, and even from hour-to-hour and different varieties of corn present widely different harvesting problems. A careful study of adjustments on your corn attachment and what they will accomplish under varying conditions will allow you to reap many benefits and economies that this corn attachment can provide.

Your new corn attachment will do quality work in direct proportion to the care you use in operating it. Operate, adjust and service the attachment according to the instructions in this manual.

If you need information not covered in this manual, see your John Deere dealer. He has the latest information on how to get the best service from your corn attachment and can give you prompt service in the field or in his shop.

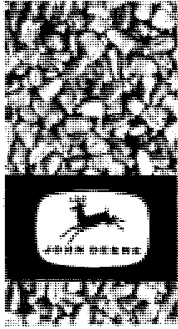
When in need of parts, go to your John Deere dealer. He carries genuine John Deere parts for your Corn Attachment. Be prepared to give him the serial number of your corn attachment and the year purchased. Record this information in the space at the right when you receive your corn attachment.



The serial number is on the left-hand side of the corn attachment.

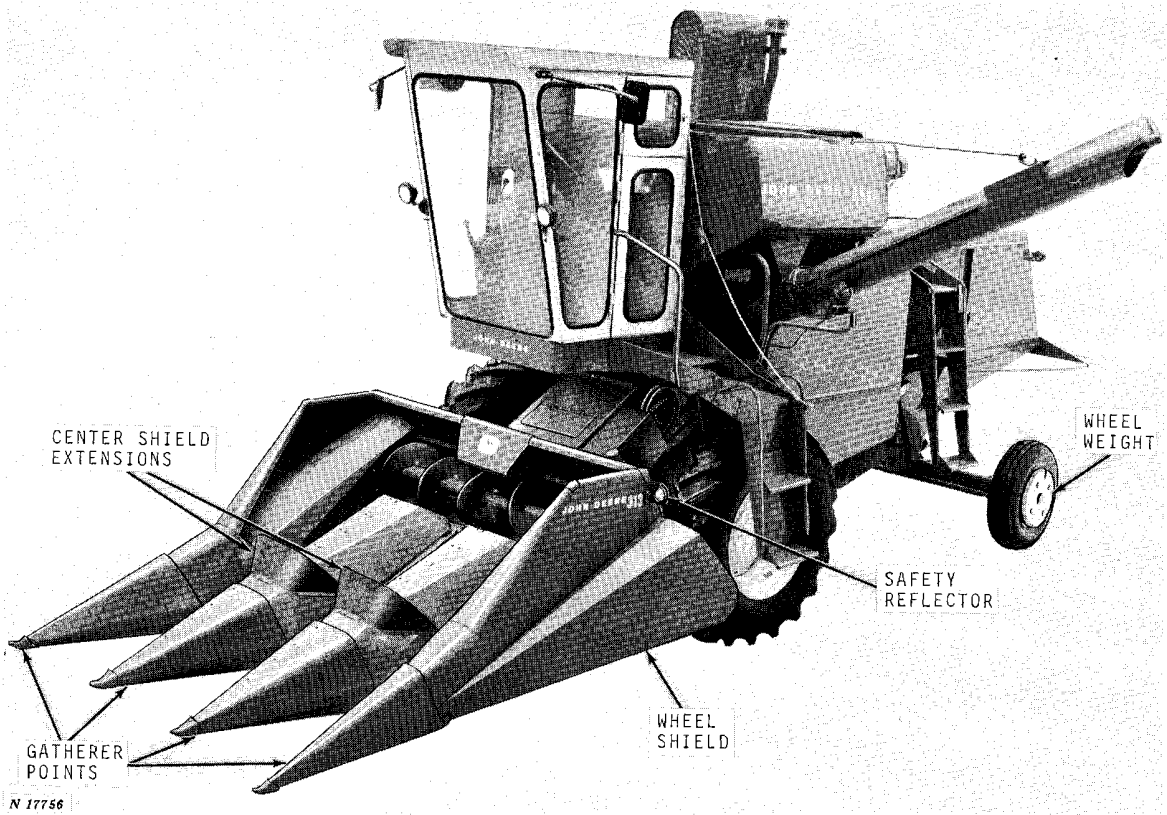
Serial Number

Date Purchased

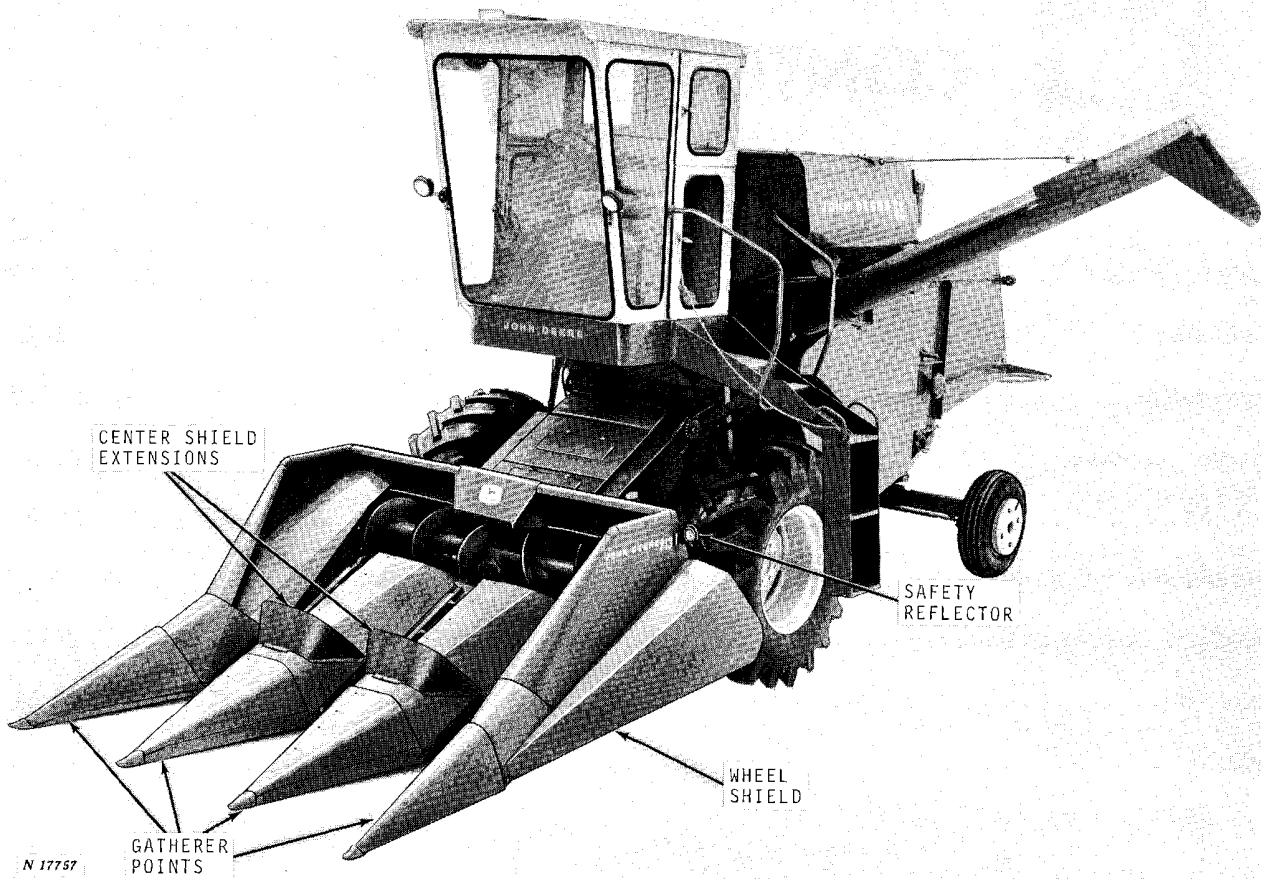


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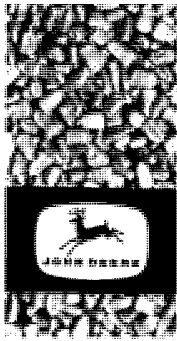
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John Deere 313 Corn Attachment on 45 Combine



John Deere 313 Corn Attachment on 55 Combine



SPECIFICATIONS

John Deere Combine Model

required 45 Serial 35001 and up
55 Serial 39350 and up

NOTE: 45 Combines below Serial 46001 must be equipped with front axle reinforcements. Two rear guide wheel weights must be used on all 45 Combines. It is recommended that the 45 Combine be equipped with a 60 or 74-inch rear axle. All combine drive wheel tire sizes are approved except 13.6 x 26 6-ply tires.

Center-to-center distance between snapping units 28, 30 or 32 inches

Row width handled 28, 30 or 32 inches

Gatherer points Floating type, hinged above gatherer chains

Number of gatherer chains per snapping unit 2

Type of gatherer chain . . Endless steel roller chain (no master connecting link)

Minimum clearance between gatherer chains and ground 0 inch

Distance gatherer chains ahead of fluted stalk rolls 10 inches

Gatherer chain speed Shipped set for 305 fpm (feet per minute).
Additional sprockets are provided for 260 fpm and 350 fpm (feet per minute).

Length of fluted stalk rolls less points 18 inches

Length of stalk rolls with points 26-1/2 inches

Stalk roll adjustment Shim adjusted

Deck plate adjustment Bolt adjusted

Gatherer chain adjustment . . . Spring loaded-self adjusting

Conveyor from gatherers to combine . . Full width cross auger and feed paddles

Approximate weight of corn attachment
For 45 Combine 2570 pounds
For 55 Combine 2720 pounds

Approximate over-all width for storage 9 feet, 4 inches

Approximate over-all length for storage 11 feet

Approximate over-all width on Combine 9 feet, 4 inches

Approximate over-all length on Combine 24 feet, 10 inches

ATTACHMENTS

Corn Cob Mix See page 17
For other attachments available for the Combine, see your John Deere dealer.

(Specifications and design subject to change without notice)

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