



# 96 COMBINE



## OPERATORS MANUAL

### 96 COMBINE

OMH63963 G6 English

**JOHN DEERE HARVESTER WORKS  
OMH63963 G6**

LITHO IN THE U.S.A.  
ENGLISH



## TO THE PURCHASER

The combine you have purchased has been carefully designed and manufactured to provide years of dependable, economical service.

To further insure trouble-free service we recommend that you follow closely all instructions concerning operation, lubrication, adjustments and service. Preventive maintenance has proved to be much more economical than corrective maintenance. Should you require information not covered in this manual, consult your John Deere dealer.

### KEEP YOUR COMBINE A JOHN DEERE COMBINE

Genuine John Deere Parts fit properly and insure satisfactory service because they are made from the original patterns and from the same material as used in new machines. Should your combine require replacement parts, go to your John Deere dealer where you can obtain Genuine John Deere Parts—accept no substitutes.

### ATTACHMENTS

In addition to the equipment furnished with your combine, there are attachments available to help you do a better job in a special crop or condition. These attachments, illustrated and described in the attachment section, are available from your John Deere dealer.

### LOCATION REFERENCE

"Right-hand" and "left-hand" sides are determined by facing in the direction the combine will travel when in use.

### SERIAL NUMBERS

Your combine and platform have serial numbers.

When ordering parts, always bring with you the model and complete serial number as given on the serial number plates. By doing so, you will assist your John Deere dealer in giving you prompt, efficient service.

The combine serial number is on a plate located on the right-hand side of the separator just above the rear ladder.

The platform serial number is on a plate located on the outside of the right-hand platform divider.

Record these Serial Numbers in the space provided below.

Combine serial no. \_\_\_\_\_

Platform serial no. \_\_\_\_\_

Date Purchased \_\_\_\_\_

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### CONTENTS

	Page		Page
<i>Specifications</i> . . . . .	2	<i>Adjustments and service</i> . . . . .	26
<i>Controls and instruments</i> . . . . .	4	<i>Trouble shooting</i> . . . . .	49
<i>Operation</i> . . . . .	6	<i>Attachments</i> . . . . .	57
<i>Safety suggestions</i> . . . . .	15	<i>Index</i> . . . . .	59
<i>Lubrication and periodic service</i> . . . . .	16		

SUPPLEMENT TO OPERATOR'S MANUALS  
(OM-H63137, OM-H63962, OM-H63963)

IMPORTANT: Use the following instructions for the unloading auger end play adjustment in place of those given in the following Combine Operator's Manuals:

45 Combine OM-H63137 - Page 55

55-95-105 Combine OM-H63962 - Page 65

96 Combine OM-H63963 - Page 44

AUGER END PLAY ADJUSTMENT

Swing unloading auger into transport position.

Remove cap screw, lock washer, thick washer, and all thin washers "A" from outer end of shaft. Slide auger out of bearing housing just far enough to remove all but four of the thin washers at "B". Slide auger back into bearing housing and replace thick washer, cap screw, and lock washer on outer end of shaft.

Swing auger into operating position.

Remove cap screw, lock washer, and thick washer. Tap outer end of auger with a lead hammer to be certain auger is fully engaged. Place thin washers "A" on shaft until they are even with end of shaft. When replacing the thick washer, lock washer, and cap screw, install two additional thin washers. Tighten cap screw.

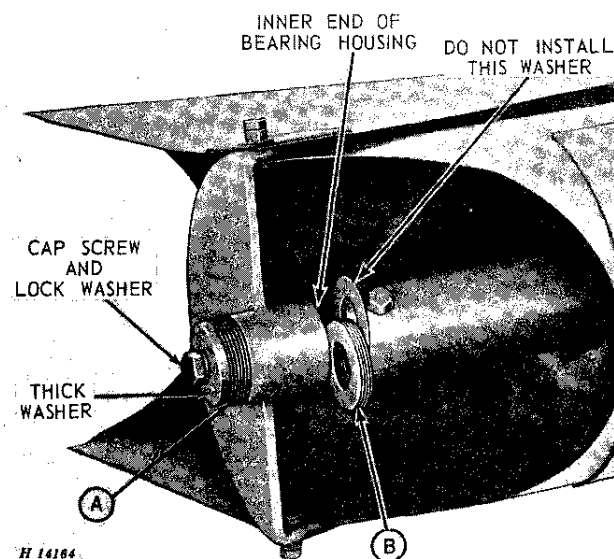
Determine the number of additional thin washers necessary to fill the gap at inner end of bearing housing.

Swing auger into transport position.

Again remove cap screw, lock washer, thick washer, and all thin washers "A" from outer end of shaft. Slide auger out of bearing housing just far enough to install the determined number of thin washers "B", less one.

Slide auger back into bearing housing and replace all washers "A", thick washer, lock washer, and tighten cap screw to 30-35 ft-lbs torque.

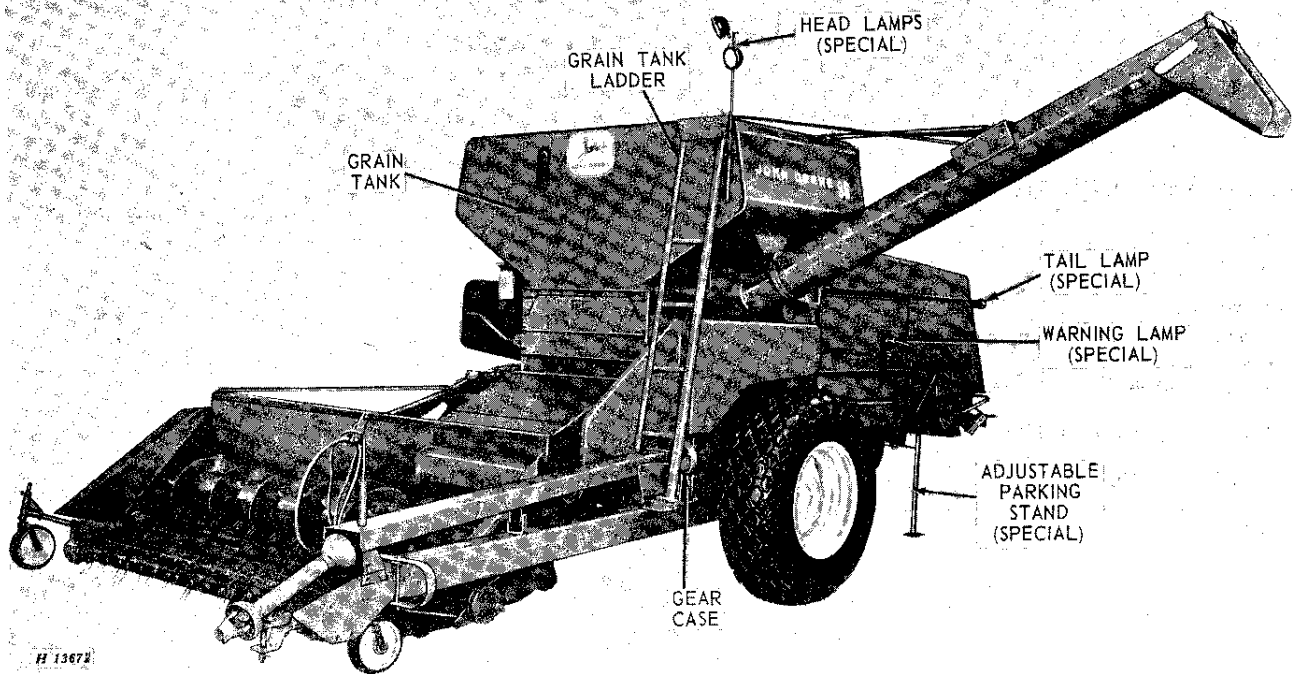
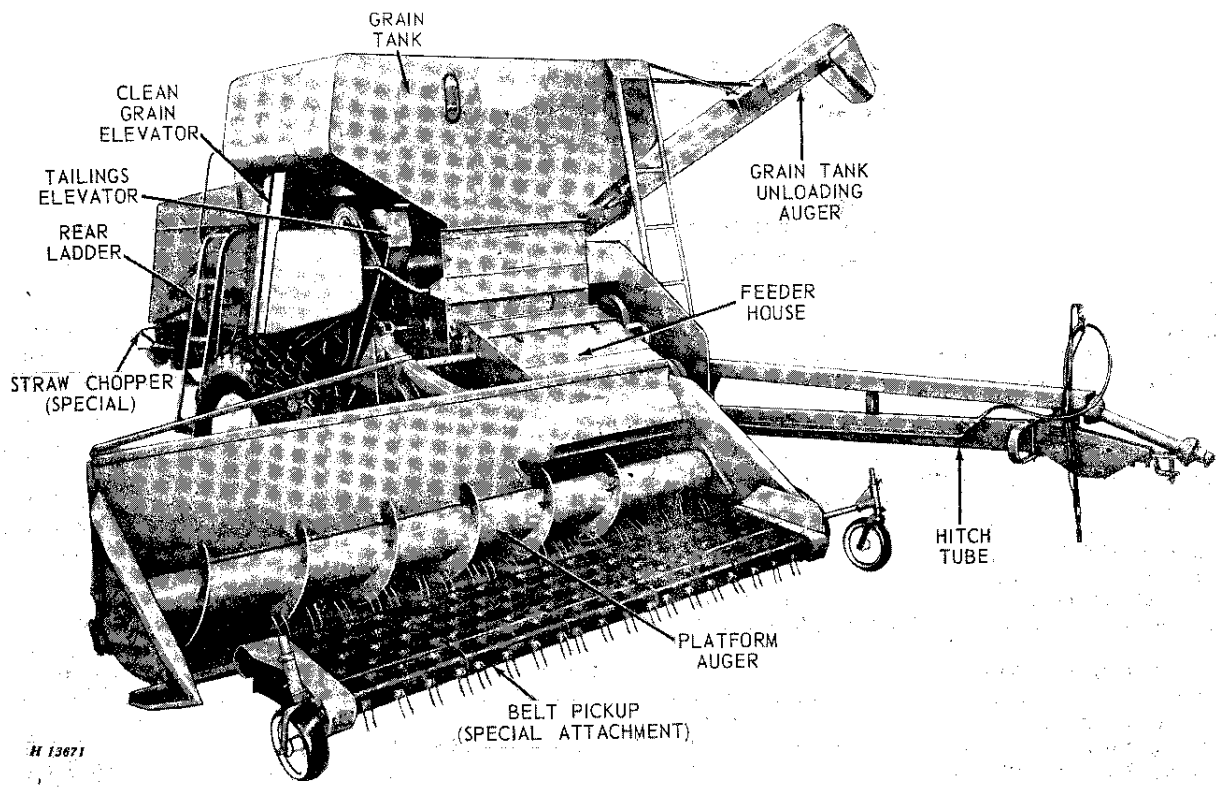
Swing auger into operating position.



DS-H64585-j6

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JOHN DEERE HARVESTER WORKS  
Of Deere and Company  
EAST MOLINE, ILLINOIS





# SPECIFICATIONS

*NOTE: The 96 Combine platform is available as a pickup platform, with additional parts available to convert to a cutting platform when desired.*

## CUTTER BAR

Width of cut . . . . . 12 ft.  
Length of cutter bar . . . 6 inches less than width of cut  
Type of knife sections . . . . . Heavy-duty overserrated

## REEL

Drive . . . . . Chain  
Number of slats . . . . . 4 regular; 3, 6, or 8 special  
Speed range . . . . . 28.6 rpm to 36.8 rpm

## CUTTING PLATFORM

Type of feed . . . . . Auger  
Range of cutting height . . . . . 2 in. to 30 in.  
Height control . . . . . Hydraulic (2 cylinders)

## CUTTING PLATFORM AUGER

Diameter . . . . . 20 in.  
Diameter of auger tube . . . . . 10 in.  
Type of auger fingers . . . . . Round retracting  
Belt pickup platform width . . . . . 12 ft.

## CYLINDER

Type . . . . . Rasp bar  
Width . . . . . 40 in.  
Diameter . . . . . 22 in.  
Number of bars . . . . . 8 rasp bars  
Drive . . . . . Roller chain  
Speed range . . . . . 277 rpm to 1190 rpm

## CONCAVE

Type . . . . . 12 bar open-type  
Width . . . . . 40 in.

## BEATER (Behind the cylinder)

Type . . . . . Drum  
Width . . . . . 40 in.  
Speed . . . . . 680 rpm

## SEPARATOR

Type . . . . . Grain conveyor, straw walker  
Width . . . . . 40 in.  
Length of separating surface . . . 140 in. (straw walker  
pans extended)  
Area of separating surface . . . . . 5600 sq. in.

## GRAIN CONVEYOR

Type . . . . . Slat  
Drive . . . . . Chain

## CLEANING FAN

Type . . . . . 5-bladed undershot  
Drive . . . . . V-belt  
Speed range . . . . . 602 rpm to 858 rpm

## CHAFFER

Type . . . . . Adjustable, no. 2 no choke  
or Petersen adjustable  
Width . . . . . 38-1/2 in.  
Length with extension . . . . . 60-3/4 in.  
Area . . . . . 2337 sq. in.

## SIEVE

Type . . . . . Adjustable  
Width . . . . . 38-1/2 in.  
Length . . . . . 45 in.  
Area . . . . . 1734 sq. in.

## CHAFFER EXTENSION

Type . . . . . Adjustable  
Width . . . . . 38-1/2 in.  
Length . . . . . 12 in.  
Area . . . . . 462 sq. in.

## TOTAL CLEANING AREA OF CHAFFER,

SIEVE, AND CHAFFER EXTENSION . . . . . 4071 sq. in.

## STRAW WALKERS

Number . . . . . Four  
Width . . . . . 9-1/2 in.  
Length with pans extended . . . . . 123 in.  
Area . . . . . 4920 sq. in.  
Number of steps . . . . . Five  
Drive . . . . . V-belt  
Bearings . . . . . Oil soaked maple  
Extension pans . . . . . One on each walker

## GRAIN TANK

Capacity . . . . . 80 bushel

## WEIGHTS

Combine with 12-ft.  
pickup platform . . . . . 7100 lbs. (approx.)

## COMBINE DIMENSIONS

Shipping length . . . . . 23 ft.  
Shipping width . . . . . 10 ft. 9-1/2 in.  
For other dimensions . . . . . See page 4.

*(Specifications and design are subject to change without notice.)*

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