

106 COMBINE



OPERATORS MANUAL

106 COMBINE

OMH63971 L6 English

HARVESTER WORKS
OMH63971 L6

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 proven 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 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, attachments are 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 numbers 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 grain tank unloading auger drive support bracket on the right-hand side of combine.

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

Record these Serial Numbers in the space provided below.

Combine Serial No. _____

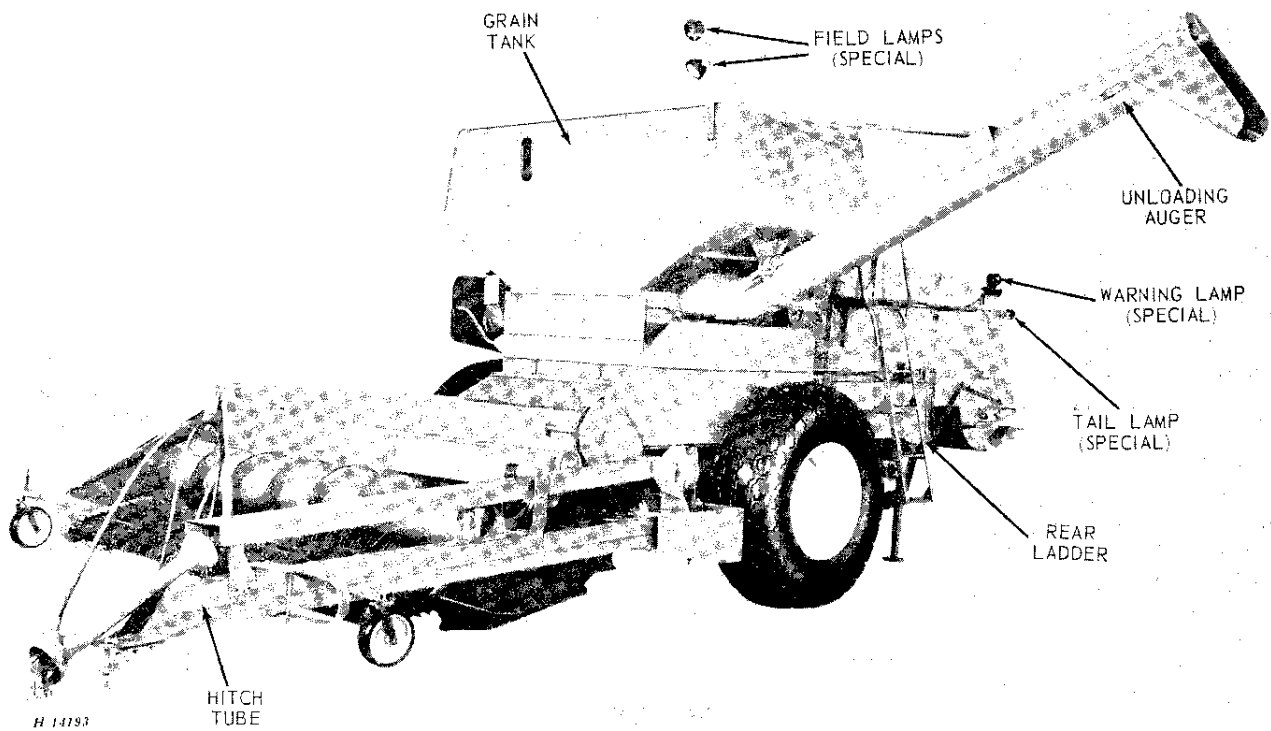
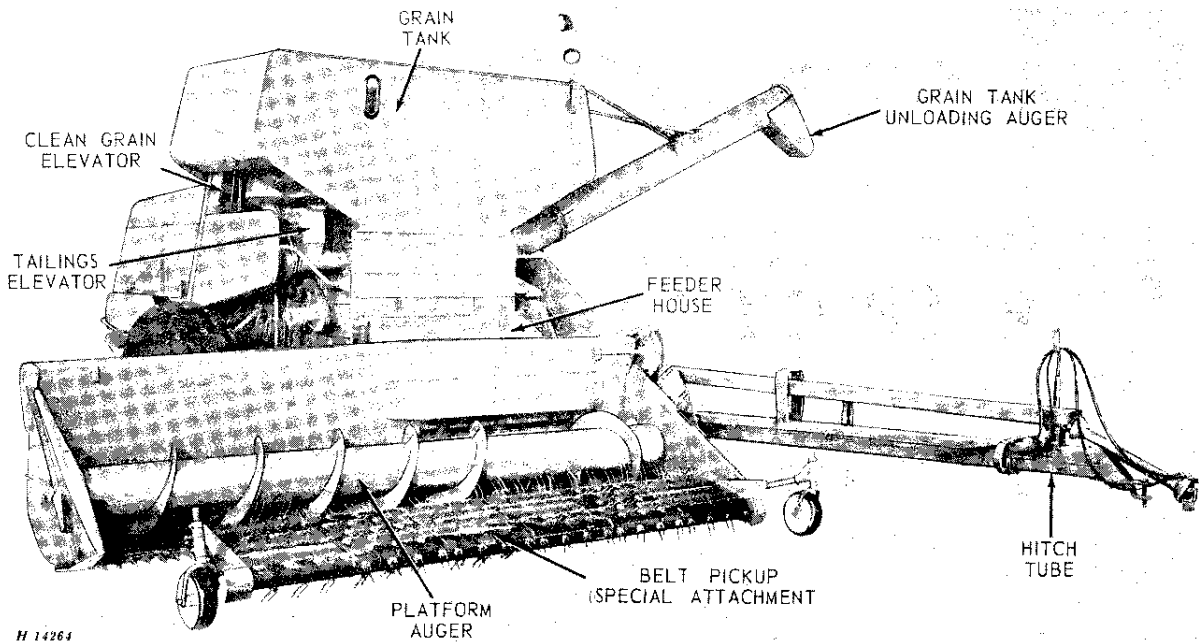
Platform Serial No. _____

Date Purchased _____

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Operator's Manual Price \$2.00





SPECIFICATIONS

NOTE: The 106 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 14 Ft.
Length of cutter bar 6 in. less than width of cut
Type of knife sections Heavy-duty, overserrated

REEL

Drive V-belt
Number of slats 4 Reg.; 3, 6, 8 Special
Speed range 35.7, 43.0, 59.0, 67.5 rpm

CUTTING PLATFORM

Type of feed Auger
Range of cutting height 2 in. above ground to 36 in. above ground
Height control 2 hydraulic cylinders
Belt pickup platform width 14 Ft.

CUTTING PLATFORM AUGER

Diameter 20 In.
Diameter of auger tube 12 In.
Type of auger fingers Round retracting

CYLINDER

Type Rasp-bar only
Width 49-1/2 In.
Diameter 22 In.
Number of bars 8
Drive Roller chain
Speed range 277-1190 rpm

CONCAVE

Type 12 bar open type
Width 49-1/2 In.

BEATER (Behind the Cylinder)

Type Drum
Width 50 In.
Speed 680 rpm

SEPARATOR

Type Grain conveyor-straw walker
Width 50 In.
Length of separating surface 140 In. with walker pans extended
Area of separating surface 6930 Sq. In.

GRAIN CONVEYOR

Type Channel slat
Drive Chain (CA-550 Roller)

CLEANING FAN

Type Five-bladed undershot
 Drive V-belt
 Speed range 550-1050 rpm

CHAFFER

Type Adjustable
 Width 48 In.
 Length with extension 60-3/4 In.
 Area 2,915 Sq. In.

SIEVE

Type Adjustable
 Width 48 In.
 Length 45 In.
 Area 2,163 Sq. In.

CHAFFER EXTENSION

Type Adjustable
 Width 48 In.
 Length 12-5/16 In.
 Area 591 Sq. In.

**TOTAL CLEANING AREA OF
 CHAFFER, SIEVE AND CHAFFER
 EXTENSION**

5,078 Sq. In.

STRAW WALKERS

Number 5
 Width 9-1/2 In.
 Length with pans extended 123 In.
 Area 6,089 Sq. In.
 Number of steps 5
 Drive V-belt
 Bearings Oil soaked maple
 Extension pans One on each walker

GRAIN TANK

Capacity 100 Bushel (approx.)

WEIGHTS

Combine with 14-ft. pickup platform
 (with 132 In. belt pickup) 9817 Lbs.
 (without 132 In. belt pickup) 9057 Lbs.

COMBINE DIMENSIONS

Shipping length 24 Ft.-10 In.
 Shipping width 11 Ft.
 For other dimensions
 (Ground to bottom of unloading auger) 9 Ft.-8 In.

TIRE

Size 18.4-26, R3
 Ply 6
 Pressure 16 psi

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