

95H COMBINES



OPERATORS MANUAL 95H COMBINES

OMH91064 C4 English

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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 materials as used in new machines. If your combine requires 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 of combining 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.

Timing gear end of the engine is referred to as the "front," flywheel end as the "rear."

SERIAL NUMBERS

Your combine, cutting platform, axle, and engine have serial numbers.

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

prompt, efficient service. For your convenience a space is provided below for recording these numbers.

The combine serial number is on a plate located on the support bracket at the rear end of the fuel tank.

The engine serial number is on a plate located between the distributor and generator.

The axle serial number is on the top, left-hand end of the axle tube.

The feeder house serial number is located on the right-hand side sheet.

The cutting platform serial number is located on the right-hand side sheet.

Combine Serial No. _____

Engine Serial No. _____

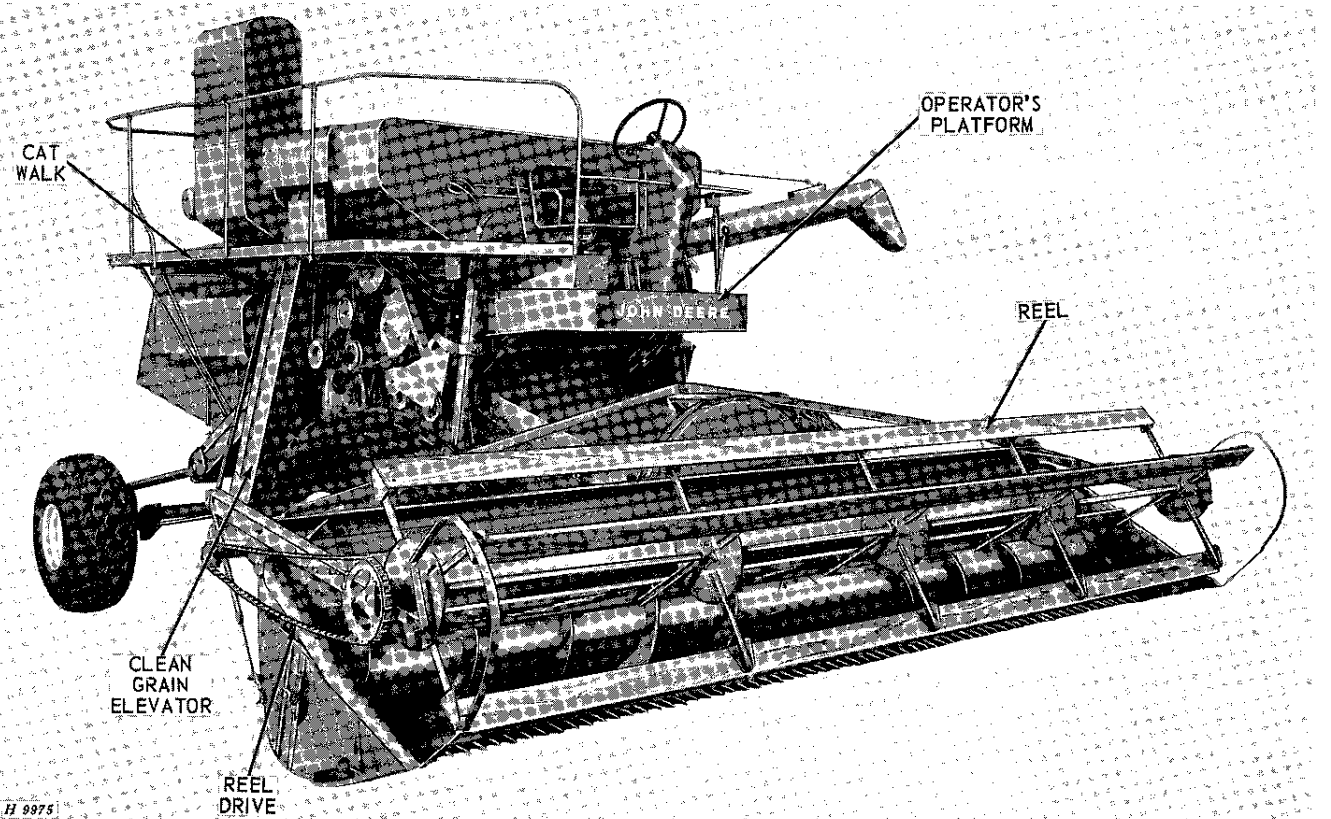
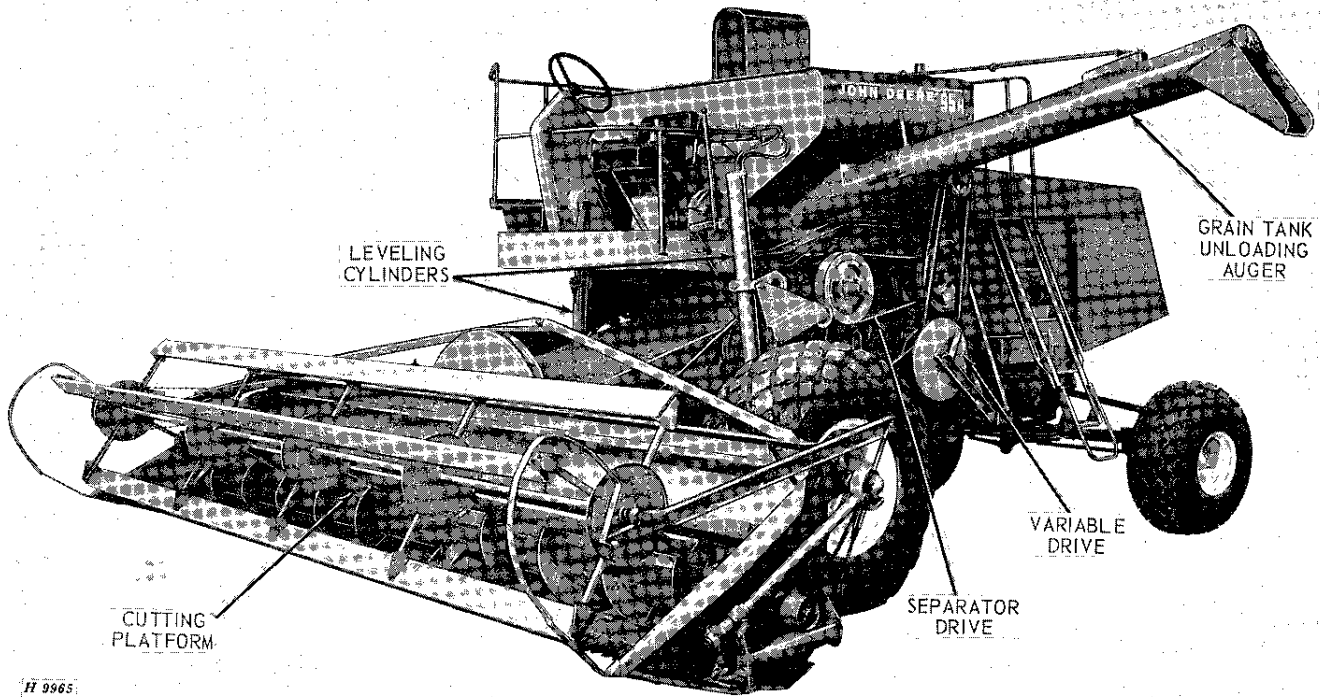
Axle Serial No. _____

Cutting Platform Serial No. _____

Date Purchased _____

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WHEEL TREAD DIMENSIONS

Tire Size	Center-to-Center
23.1-26	112 inches
26.5-25	115-1/2 inches
18.4-16A	106 inches

TIRE INFLATION CHART

Tire Size	Ply Rating	Pressure
18.4-16A (Low profile)	6	10 lbs.
23.1-26 (Low profile)	10	18 lbs.
26.5-25 (Low profile)	12	16 lbs.

SELECTIVE GROUND SPEED CONTROL RANGE

23.1-26 TIRES			26.5-25 TIRES		
	(Min.)	(Max.)		(Min.)	(Max.)
1st Gear7 to	1.6 mph	1st Gear8 to	1.8 mph
2nd Gear	1.5 to	3.3 mph	2nd Gear	1.6 to	3.7 mph
3rd Gear	2.9 to	6.5 mph	3rd Gear	3.3 to	7.4 mph
4th Gear	5.8 to	13.1 mph	4th Gear	6.6 to	14.8 mph
Reverse	2.0 to	4.5 mph	Reverse	2.3 to	5.1 mph

ENGINE

Make of engine John Deere—HB 248-G
 Bore 3-7/8-in.
 Stroke 3-1/2-in.
 Brake horsepower 95*
 Number of cylinders 6
 Piston displacement 247.67 cu. in.
 Maximum load speed 2,500 rpm
 Firing order 1-5-3-6-2-4
 Crankcase Cast integral with block
 Type of lubrication . . . Force-feed by gear pump to all connecting rods, main bearings, governor, oil pump drive. Oil strainer in bottom of pan.
 Valve arrangement . . . Valve-in-head (Rotators on exhaust valves)
 Valve clearance:
 Intake 0.12-in. (cold)
 Exhaust 0.18-in. (cold)
 Make of governor Pierce

Make of carburetor Zenith (Dual down draft type)
 Distributor setting022-in.
 Air cleaner Dry type
 Spark plug:
 Size 14 mm
 Gap025-in.
 Electrical system 12-volt (Two 6-volt batteries)
 Cooling system Water pressure type
 Type of fuel Gasoline (regular grade)

CAPACITIES (Approx.)

Fuel tank 60 U.S. gallons
 Cooling system (Radiator) 6 U.S. gallons
 Engine crankcase 4 U.S. quarts
 Air cleaner 1 U.S. quart
 Automatic leveling,
 Cutting platform lift, and variable speed hydraulic unit (Including hydraulic oil lines and cylinders) 20 U.S. quarts
 Power steering
 Hydraulic unit (Including hydraulic oil lines and cylinders) 2 U.S. quarts

*Calculated at 60°F. and 29.92 of Hg. at sea level.

(Specifications and design subject to change without notice.)

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