

JOHN DEERE 95 H COMBINE



OPERATORS MANUAL

JOHN DEERE
95 H COMBINE

OMH65203 A8 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.

Radiator 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 above the starter.

The axle serial number is on the top, left-hand side of the leveling beam support.

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

Combine Serial No. _____

Engine Serial No. _____

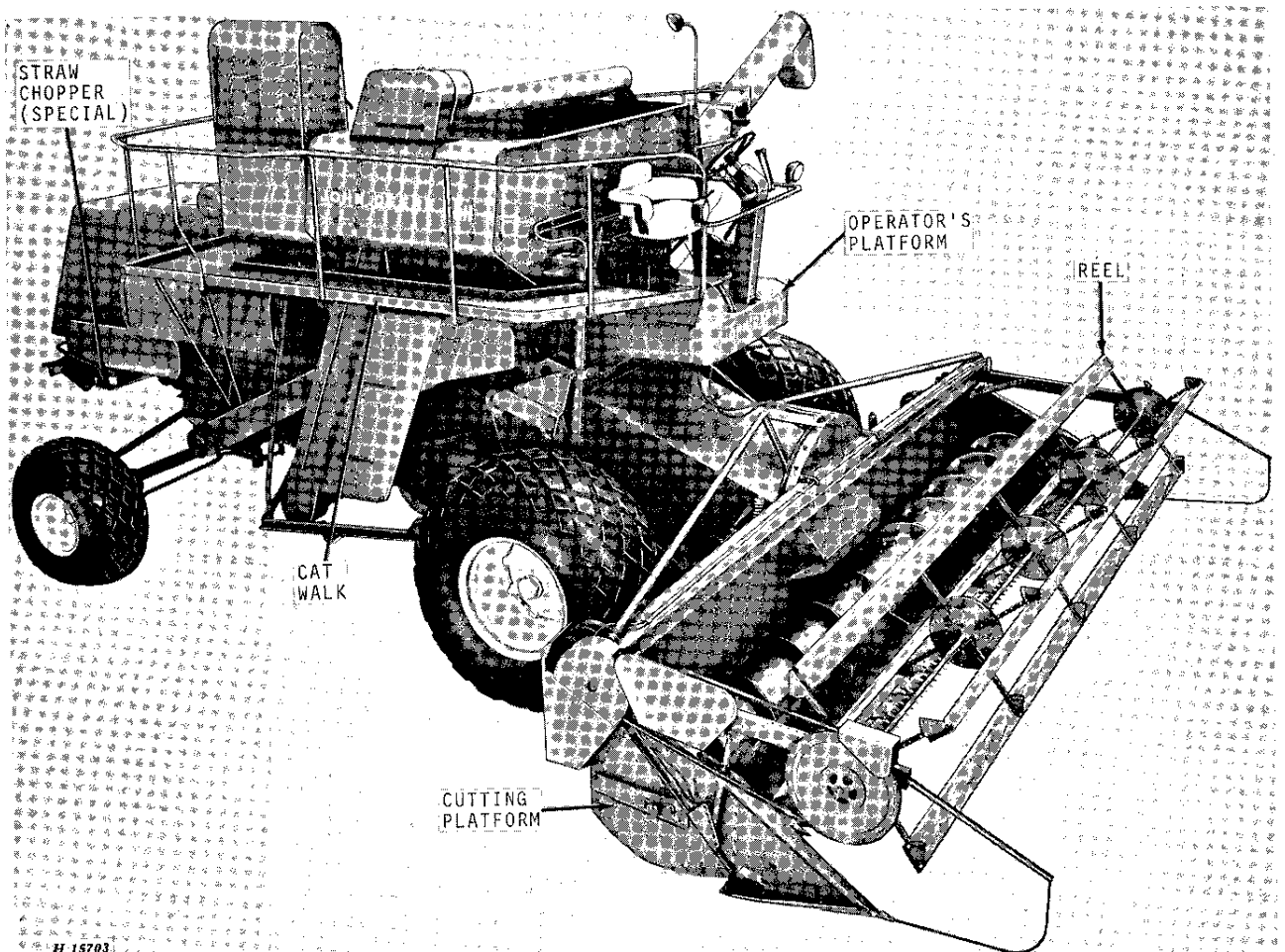
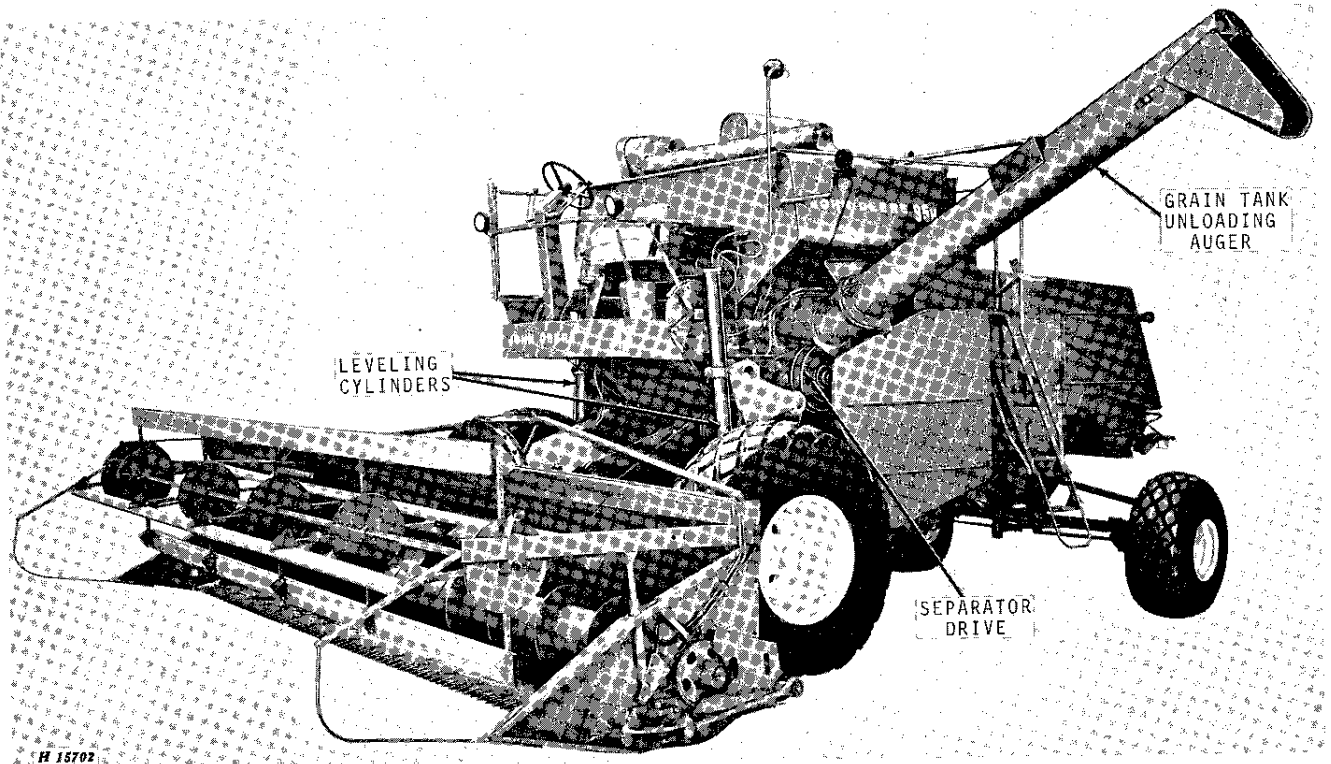
Axle Serial No. _____

Cutting Platform Serial No. _____

Date Purchased _____

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CLEANING FAN

Type	5-bladed undershot
Drive	Variable speed, V-belt
Speed range	400 rpm to 1000 rpm

CHAFFER

Type	Adjustable
Width	38-1/2 in.
Length—with extension.	60-3/4 in.
Area	2,337 sq. in.

CHAFFER EXTENSION

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

SIEVE

Type.	Adjustable
Width.	38-1/2-in.
Length.	45-in.
Area.	1.734 sq. in.

TOTAL CLEANING AREA OF CHAFFER,
SIEVE, AND CHAFFER EXTENSION. . . . 4.061 sq. in.

STRAW WALKERS

Number.	Four
Width.	9-1/2 in.
Length—with pans extended.	123 in.
Area.	4,920 sq. in.
Number of steps.	Five
Drive.	V-belt
Bearings.	Oil soaked maple
Extension pans.	One on each walker

GRAIN TANK

Capacity. . . . 80-bushel, approx. (Type and condition of
crop will determine actual volume)
Type of unloading. Hinged auger

BRAKES

Type, Individual, mechanical disk-type

TRANSMISSION. . . . Automotive—4 speeds forward, 1 reverse

STEERING. Full power

LEVELING MECHANISM

Type	Automatic—electrically activated-hydraulic- ly controlled—can be activated manually
Maximum degree of leveling	42%

WEIGHT

Combine with 18-ft. cutting
platform and 23.1-26 tires. . . . 15,845 lbs. (Approx.)

DIMENSIONS. See page 4.

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

CAPACITIES (APPROX.)

Fuel tank	40 U.S. gallons—diesel 60 U.S. gallons—gasoline
Cooling system	7 U.S. gallons
Engine crankcase	10 U.S. quarts
Transmission	14 U.S. pints
Final drives (2)	4-1/2 U.S. pints each
Hydraulic system reservoir	12 U.S. quarts
Automatic leveling system reservoir	18 U.S. quarts

GASOLINE ENGINE

Make and model of engine	John Deere HC303G
Bore	3.86 in.
Stroke	4.33 in.
Brake horse power	100*
Number of cylinders	6
Piston displacement	303 cu. in.
Maximum load speed	2500 rpm
Firing order	1-5-3-6-2-4
Crankcase	Cast integral with block
Type of lubrication	Force feed by gear pump
Valve arrangement	Valve in head
Valve clearance:	
Intake	.014-in.
Exhaust	.022-in.
Make of governor	John Deere
Make of carburetor	Marvel-Schebler
Air cleaner	Dry type
Spark Plug	Size 14 mm-gap .025-in.
Electrical system	12 volt
Cooling system	Water pressure
Type of fuel	Gasoline (regular)
Oil filter	Full flow

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

DIESEL ENGINE

Make and model of engine	John Deere HA303D
Bore	3.86 in.
Stroke	4.33 in.
Brake horse power	100*
Number of cylinders	6
Piston displacement	303 cu. in.
Maximum load speed	2500 rpm
Firing order	1-5-3-6-2-4
Crankcase	Cast integral with block
Type of lubrication	Force feed by gear pump
Valve arrangement	Valve in head
Valve clearance:	
Intake	.014-in.
Exhaust	.018-in.
Make of injection pump	Roosa-Master
Make of fuel injection nozzles	Roosa-Master
Air cleaner	Dry type
Electrical system	12 volt
Cooling system	Water pressure
Type of fuel	No. 1-D or No. 2-D Diesel fuel
Oil filter	Full flow

*Factory observed at 85°F. and 29.38 in. Hg. at 500 ft. above sea level.

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