

# 6600 AND 7700 COMBINES



## **OPERATORS MANUAL**

6600 AND 7700 COMBINES

OMH84605 J2 English

JOHN DEERE HARVESTER WORKS OMH84605 J2

LITHO IN THE U.S.A.
ENGLISH





## To the Purchaser

This new combine was carefully designed and manufactured to give years of dependable service. To keep it running efficiently, read the instructions in this operator's manual. Each section is clearly identified so you can easily find the information you need—whether it is operation, lubrication, or service. Read the Table of Contents to learn where each section is located. Use the alphabetical index for fast reference.

This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

This operator's manual covers the feeder house and separator areas of the combine. For platform and corn head information, see the separate operator's manuals furnished with that equipment.

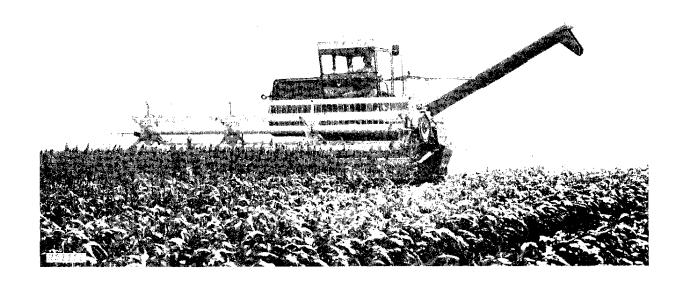
In addition to the equipment furnished with your combine, attachments are available to help you do a

better job in special crop conditions. These are described in the attachments section of this manual and can be purchased from your John Deere dealer.

"Right-hand" and "left-hand" sides are determined by facing in the direction the combine will travel when in use. The radiator end of the engine is referred to as the "front," the flywheel end as the "rear."

Record your combine serial numbers in the space provided on page 161. Your dealer needs this information to give you prompt, efficient service when you order parts or attachments. If your combine requires replacement parts, go to your John Deere dealer where you can obtain Genuine John Deere parts—accept no substitutes.

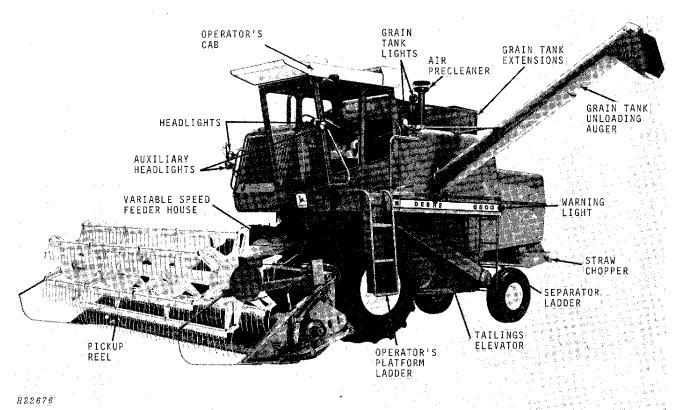
The warranty on this combine appears on your copy of the purchase order which you should have received from your dealer when you purchased the combine.





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John Deere 7700 Combine



# **Controls and Instruments**

Before attempting to operate your new combine, become familiar with the location and purpose of its controls and instruments. Study these pages carefully, regardless of your previous combine experience.

The control levers and knobs have different colors and shapes to help you quickly locate the controls while operating the combine. Colors on controls indicate:

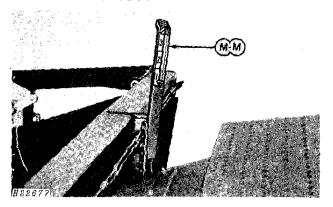
RED—Combine movement controls (Throttle, Gearshift Lever, Selective Ground Speed Control)
YELLOW—Auxiliary Power Controls (Separator Control Lever, Cylinder Speed Control Ratchet, Platform or Corn Head Electromagnetic Clutch Switch)
BLACK—Miscellaneous Function Controls (Platform or Corn Head Height Control, Hydraulic Lift Reel Control, etc.)

# **OPERATOR'S PLATFORM**

## ENGINE - AIR INTAKE

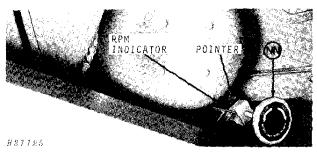


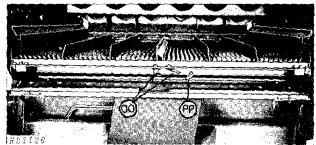
## **FEEDER HOUSE**



### - Coolant Temperature Warning Horn or Straw Walker Warning Horn С - Hydraulic Lift Reel Control (Optional) or Variable Speed Feeder House Control (Optional) ... 14, 151 - Steering Wheel ...... 24 - Clutch Pedal (Belt Drive Combine) ...... 25 G - Pivoting Ladder ..... 11 - Grain Tank Unloading Auger Lever ...... 22 - Unloading Auger Hydraulic Swing ĸ - Concave Opening Control Wheel . . . . . . . . 17 N - Ground Speed Indicator (Regular on 7700; Attachment on 6600) (Belt Q - Selective Ground Speed Control . . . . . . . . 23

## **SEPARATOR**





		, 480
S	_	Platform or Corn Head Height Control 13
Ţ	_	Hydrostatic Drive Speed Range Control
		(Optional)
U	-	Separator Control Lever
V	_	Choke (Gasoline Engine only) 6
W	-	Fuel Gauge
χ	-	Engine Tach-Hour Meter 7
Υ	-	Platform or Corn Head Electromagnetic
		Clutch Switch (Optional)
Z	-	Parking Brake Indicator Light 25
AA		Alternator Indicator Light 6
BB	_	Light Switch
CC	_	Horn Button
DD	-	Key Switch6
EΕ	_	Cigarette Lighter
FF	_	
GG	-	Cylinder Speed Control Ratchet 16
нн	_	Hydrostatic Drive Reel or Hydrostatic
		Drive Belt Pickup Control (Optional) 151
<b>H</b>	-	Cylinder Speed Tachometer
IJ	_	Coolant Temperature Gauge
KK	-	Engine Oil Pressure Gauge
LL	_	Air Restriction Indicator (Regular
		on 7700; Attachment on 6600)
MM	-	Platform Float Spring Indicator
		(Attachment)
NN	-	Fan Speed Control Wheel
00	-	Chaffer Opening Control
PP	-	Sieve Opening Control 20
QQ	-	Powered Rear Wheel Drive Switch
		(Optional 7700 only)
RR	-	Engine Fuel Shut Off
		(Diesel Engine only)6

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