

18 ONE-ROW PULL-TYPE CORN PICKER SERIAL NO. 18-301



OPERATORS MANUAL 18 ONE-ROW PULL-TYPE CORN PICKER SERIAL NO. 18-301

OMN67260 (01FEB60) English

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ENGLISH



FOREWORD

The purpose of this manual is to give you useful information on how to operate your new John Deere 18 Corn Picker in the many field and crop conditions under which corn is grown.

A corn picker must be built to handle a wide range of conditions. Average conditions can be handled by the standard equipment with which the machine is shipped. However, unusual conditions may require some special equipment. Your new machine will do a type of work directly proportional to the amount of care you use in operating it.

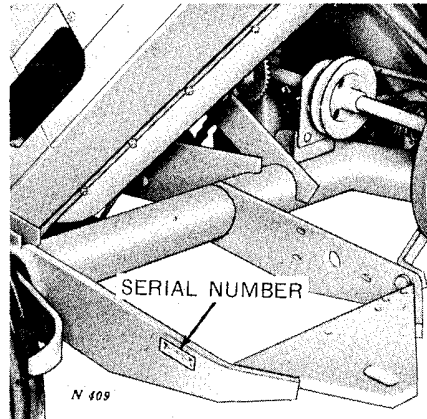
Field conditions vary from year to year, from day to day, and even from hour to hour. Different varieties of corn present widely different picking problems. A careful study of adjustments on your picker and what it will accomplish under different conditions will allow you to reap the many benefits and economies that a picker can provide.

If you find you need information not covered in this manual, see your John Deere dealer. He has the latest information on how to get the best service from your picker and can give you prompt "know-how" service in the field or in his shop.

When in need of parts, go to your John Deere dealer who carries genuine John Deere parts for your corn picker. Be sure to give him the serial number of your machine and the year purchased. This information should be recorded in the space provided on this page as soon as you have received your picker.

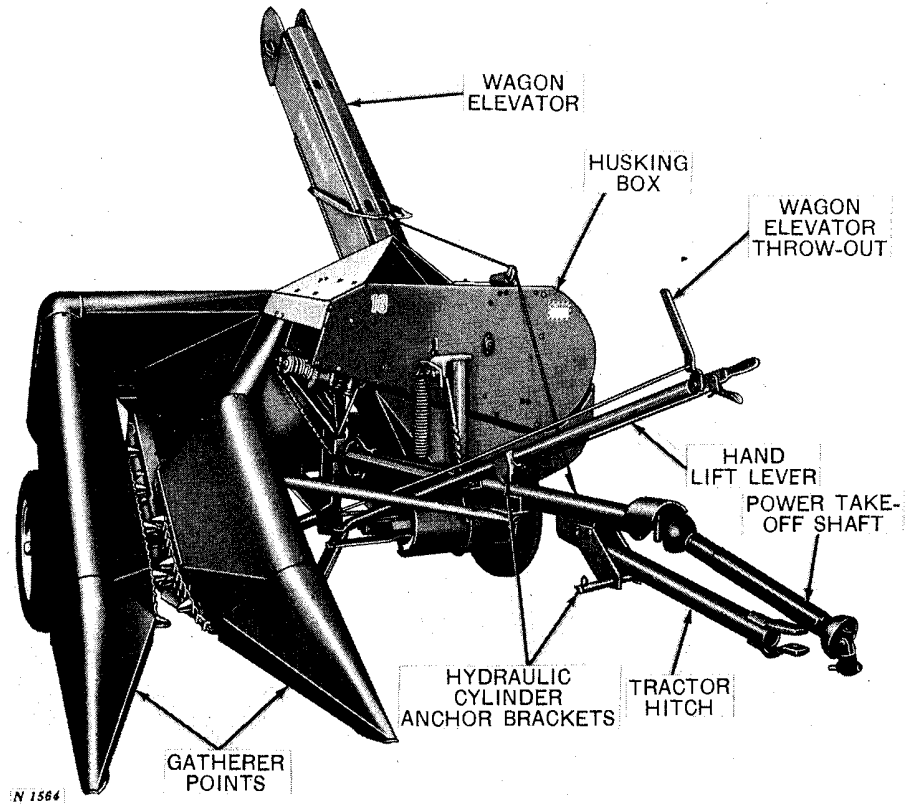
Serial Number.....
Date Purchased.....

You will find the Serial Number Plate on the left-hand outer wagon drawbar frame as illustrated at the right.



CONTENTS

	<i>Page</i>
SPECIFICATIONS	3
LUBRICATION	4-10
OPERATION	11-17
General Instructions	11-12
Preparing Picker for Use	13
Hooking Picker to Tractor	14-15
Transporting	15
Starting Picker in the Field	16
Tilting the Machine	16
Wagon Elevator Throw-Out Control	16
How to Open the Field	16
Safety Suggestions	17
OPERATING ADJUSTMENTS	18-28
Gatherers	18-19
Snapping Rolls	19
First Elevator Conveyor Auger	20
Husking Box	20-21
Husk Auger	21
Wagon Elevator	22-23
Adjusting Height of Picker (Axles)	23
Slip Clutches	24
V-Belts	25
Chains	26-27
Tire Care and Inflation	27
Preparing Picker for Storage	28
PICKING DIFFICULTIES	30-34
SPECIAL EQUIPMENT	35-37
Trash Knives	35
Wheel Scraper	36
Steel Flareboards for Wagon Box	36
Spiral Strips for Snapping Rolls	36
Low Lugged Snapping Rolls	37
Wheel Shield and Down Corn Lifter	37
Cleaning Fan	39
ASSEMBLY	40-46
SERVICE	47-48



John Deere 18 Corn Picker

SPECIFICATIONS

No. of rows.....	1
Right- or left-hand machine.....	Right-hand
Lift mechanism.....	Hand lift or hydraulic remote cylinder
Distance from tractor drawbar hitch hole to corn row.....	60 inches
Gatherer points hinged or rigid.....	Hinged
Gatherer points hinged above or below gatherer chain.....	Above
Gatherer points, height of lift at hinge point (adjustable).....	0 to 24 inches
No. of gatherer chains.....	3
Type of gatherer chains.....	Steel link detachable
Minimum clearance between gatherer chains and ground.....	0 inches and up
Gatherer chains ahead of snapping roll entry.....	Yes
Length of snapping rolls (including points).....	41 inches
Snapping roll adjustment.....	Crank
Type of first elevator conveyor.....	Auger
No. of husking rolls.....	6
Diameter of husking rolls.....	3 inches
Length of husking rolls.....	27-1/2 inches
Type of husking rolls:	
Rubber roll.....	Spiral grooved and notched
Mating rubber roll.....	Smooth tire carcass type
Cleaning fan.....	Available as special equipment
Depth ear corn elevator.....	6-1/2 inches
Width ear corn elevator.....	9 inches
Wagon elevator location.....	In line with tractor
Shelled corn saver.....	Incorporated with husk auger and housing
Width over-all of picker.....	7 feet, 9 inches
Length from tractor hitch point to wagon hitch point.....	10 feet, 7-1/2 inches
Length including wagon elevator.....	18 feet
*Height less wagon elevator.....	5 feet, 6 inches
*Height to top of wagon elevator.....	9 feet, 9 inches
Tractor power requirement.....	John Deere "430," or larger or equivalent (tractor can be equipped with 540 or 1000 rpm PTO)

*Adjustable wheel brackets in the 4-inch raised position.

(Specifications and design subject to change without notice.)

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