


**McCormick
W4 Tractor**

Operators Manual

1004211R2

Reprinted

CASE III

 ***This symbol means ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED. The message that follows the symbol contains important information about your safety. Carefully read the message. Make sure you fully understand the causes of possible injury or death.*** SB001

IF THIS MACHINE IS USED BY AN EMPLOYEE, IS LOANED, OR IS RENTED, MAKE SURE THAT THE OPERATOR UNDERSTANDS THE TWO INSTRUCTIONS BELOW.

BEFORE THE OPERATOR STARTS THE ENGINE:

1. GIVE INSTRUCTIONS TO THE OPERATOR ON SAFE AND CORRECT USE OF THE MACHINE.
2. MAKE SURE THE OPERATOR READS AND UNDERSTANDS THE OPERATOR'S MANUAL FOR THIS MACHINE.



IMPROPER OPERATION OF THIS MACHINE CAN CAUSE INJURY OR DEATH.

BEFORE STARTING THE ENGINE, DO THE FOLLOWING:

1. READ THE OPERATOR'S MANUAL.
2. READ ALL SAFETY DECALS ON THE MACHINE.
3. CLEAR THE AREA OF OTHER PERSONS.

LEARN AND PRACTICE SAFE USE OF MACHINE CONTROLS IN A SAFE, CLEAR AREA BEFORE YOU OPERATE THIS MACHINE ON A JOB SITE.

It is your responsibility to observe pertinent laws and regulations and to follow manufacturer's instructions on machine operation and maintenance.

See your Authorized Case dealer for additional operator's manuals, parts catalogs, and service manuals.

**IMPORTANT FUEL SYSTEM SAFETY WARNING
AND
ANNOUNCEMENT OF FREE, REPLACEMENT GASOLINE CAP**



CAUTION! The following information pertains to personal safety. Be sure to read and follow these instructions.

PROBLEM — Gasoline vapors can build up pressure in your gasoline tank.

All gasoline fuels are more volatile today than ever before. They vaporize and build up pressure in your gasoline tank more easily than in the past. Winter grade gasoline is especially subject to vaporization and pressure build-up when used on hot Spring or Fall days. If you have a tractor which is out of tune or not properly maintained, it can run hotter and increase vaporization.

DANGER — Fire and personal injury.

If the fuel cap is removed when the gasoline tank is hot and vapor pressure has, under certain circumstances, built up in the tank, this sudden release of pressure could force gasoline out of the tank. If the gas cap is not fully secured and tightened, it could come off the tank, and again, gasoline could escape. This sudden eruption of gasoline exposes the operator to, and may cover him with, liquid fuel and vapors and is a clear fire hazard if a source of ignition is present. A running engine is a source of ignition, as are cigarettes, open flames, sparks or a poorly maintained exhaust system. **An immediate fire could occur.** The operator or anyone in the area could be burned and suffer serious injury or even death.

PRECAUTIONS — Observe the following steps for safe operation:

- Always tighten gas caps securely.
- Never, under any circumstances, take the gas cap off a hot or running tractor.
- Never hold over Winter gasoline for use in the Spring. Remove any equipment unnecessary for warm weather operations, such as comfort covers, heat housers, or radiator covers.
- Maintain equipment properly and pay particular attention to electrical, exhaust, fuel, and cooling systems. Repair or replace frayed electrical wires; leaky exhaust manifolds, gaskets, pipes and mufflers; damaged carburetors, sediment bowls and fuel lines. Be sure radiators are clean inside and out. Clean off any accumulation of trash, oil or grease.
- Make sure that fuel cap vent holes are not plugged, gaskets are in good condition, and that cap tangs are firmly riveted. Repair worn, bent, or deformed filler necks and damaged heat shields or shield insulation. If your tractor is not equipped with a heat shield or insulation, install such equipment on applicable models.
- Be alert to any unusual sights and sounds during operation. If you suspect overheating or pressure build-up in the fuel system, do not touch the cap. Turn off the engine and allow the tractor to cool before you touch the cap.

FREE GASOLINE CAP — See your dealer today.

International Harvester has developed a new gasoline cap designed to improve vapor venting and to inhibit the sudden eruption of liquid fuel if the safety precautions against cap removal are not observed.

New caps will be exchanged **free of charge** with owners of certain models of International Harvester farm tractors. To see whether your tractor already has the new cap or to arrange to obtain one, simply contact your local International Harvester dealer. Also ask him for a free International Harvester brochure "New Facts About Fuels" and for free "Warning" decals for all gasoline equipment.

Gasoline Tractor Models Included in Cap Exchange Program (See Note)			
A	100	*504	2404
AV	130	F-544 Only	2424
B	140	560	2444
BN	200	600	2504
C	230	*606	2544
H	240	650	*2606
HV	300	F-656 Only	2706
M	330	660	2756
MV	340	666	2806
O	350	686	2826
OS	400	706	2856
W	404	756	
WR	424	766	
70	444	806	
86	450	826	
	460	856	

NOTE: New cap **will not** fit on any of these tractors,

B-275	I-434
B-276	I-544
I -284	I-656
I -354	I-2656
B-414	

* New cap **will not** fit on these tractors above serial numbers shown.

F-504	above serial No. 13400
I -504	above serial No. 14272
I -606	above serial No. 6879
I -2606	above serial No. 6879

New cap **will not** fit on any lawn and garden tractor in the Cadet model series or on any tractor with the gasoline tank behind the operator's seat.

CONTENTS

Description	Pages
INTRODUCTION	
General	2
Serial numbers, engine and chassis	2
DESCRIPTION	
Before starting your new tractor	7
Instruments and controls	4 to 6
Preparing the tractor for each day's work	8, 9
Views of the tractor	3
OPERATING YOUR TRACTOR	
Driving the tractor	15 to 17
Operating a gasoline engine	11
Operating a distillate engine on distillate	12 to 14
Operating a distillate engine on gasoline	14, 15
Operating a kerosene engine	14
Operating the belt pulley	17
Operating the power take-off	17
Operating the hydraulic remote control	18 to 20
LUBRICATION	
Engine and chassis lubricant specifications	25
General engine lubrication	21
Greasing the front wheels	23
Lubrication guide	26 to 29
Lubricating oil and grease specifications	24
Oil filter	22
MAINTENANCE	
Air cleaning system	37
Battery ignition unit	38 to 41
Brakes	59
Carburetor	31, 32
Clutch	60
Cold weather precautions	33
Cooling system	34 to 36
Cranking motor	48 and 54
Drawbar and hitch	60, 61
Fuel strainer	31
Generator (tractors with voltage regulation)	47, 48
Generator (tractors without voltage regulation)	52 to 54
Hydraulic remote control	64, 65
Magneto (tractors so equipped)	41 to 44
Periodic inspections	30, 31
Pneumatic tires	62 to 64
Spark plugs and cables	38
Starting and lighting equipment (tractors with battery ignition and voltage regulation)	45 to 51
Starting and lighting equipment (tractors without voltage regulation)	52 to 55
Storage battery	56, 57
Storing and housing your tractor	70
Trouble shooting	65 to 69
Valve clearance adjustment	58
Wheels	61
SPECIAL EQUIPMENT	71 to 81
SPECIFICATIONS	82, 83
COMPREHENSIVE INDEX	84, 85

INTRODUCTION

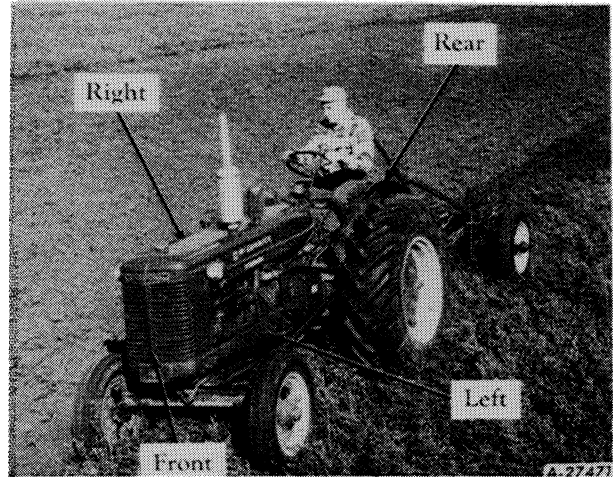
Assembled in this book are operating and maintenance instructions for the W-4 Tractor. This material has been prepared in detail in the hope that it will help you to better understand the correct care and efficient operation of your tractor.

If you should need information not given in this manual, or require the services of a trained mechanic, get in touch with the International Harvester dealer in your locality. Dealers are kept informed on the latest methods of servicing tractors. They carry stocks of IH parts, and are backed in every case by the full facilities of a nearby International Harvester District Office.

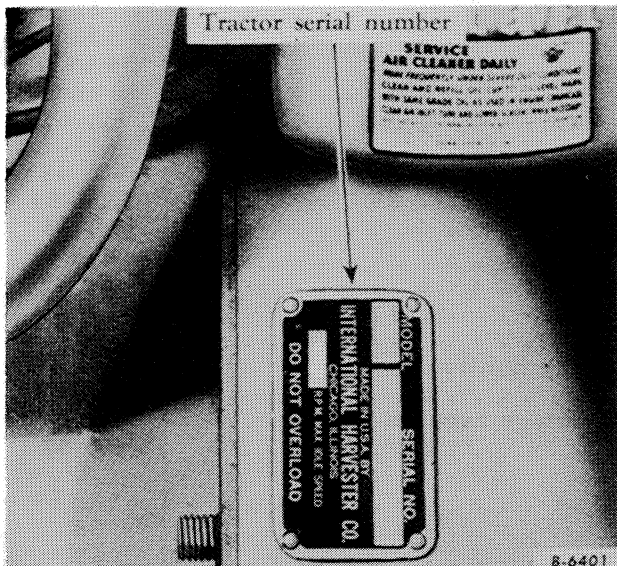
Throughout this manual the use of the terms LEFT, RIGHT, FRONT, and REAR must be understood to avoid confusion when following instructions. LEFT and RIGHT indicate the left and right sides of the tractor when facing forward in the driver's seat. Reference to FRONT indicates the radiator end, and REAR the drawbar end of the tractor.

The illustrations in this manual are numbered to correspond with the pages on which they appear; for example, *Illusts. 6 and 6A* are on page 6.

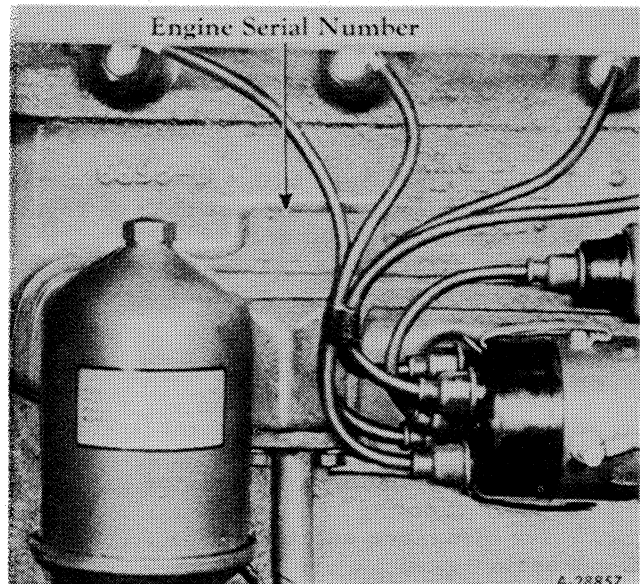
When in need of parts, always specify the tractor and engine serial numbers. The trac-



tor serial number is stamped on a name plate located on the left side of the clutch housing. The serial number is preceded by the letters WBH. See *Illust. 2*. The engine serial number is stamped on the right side of the engine crankcase above the battery ignition unit. See *Illust. 2A*. This serial number is preceded by the letters WBHM.

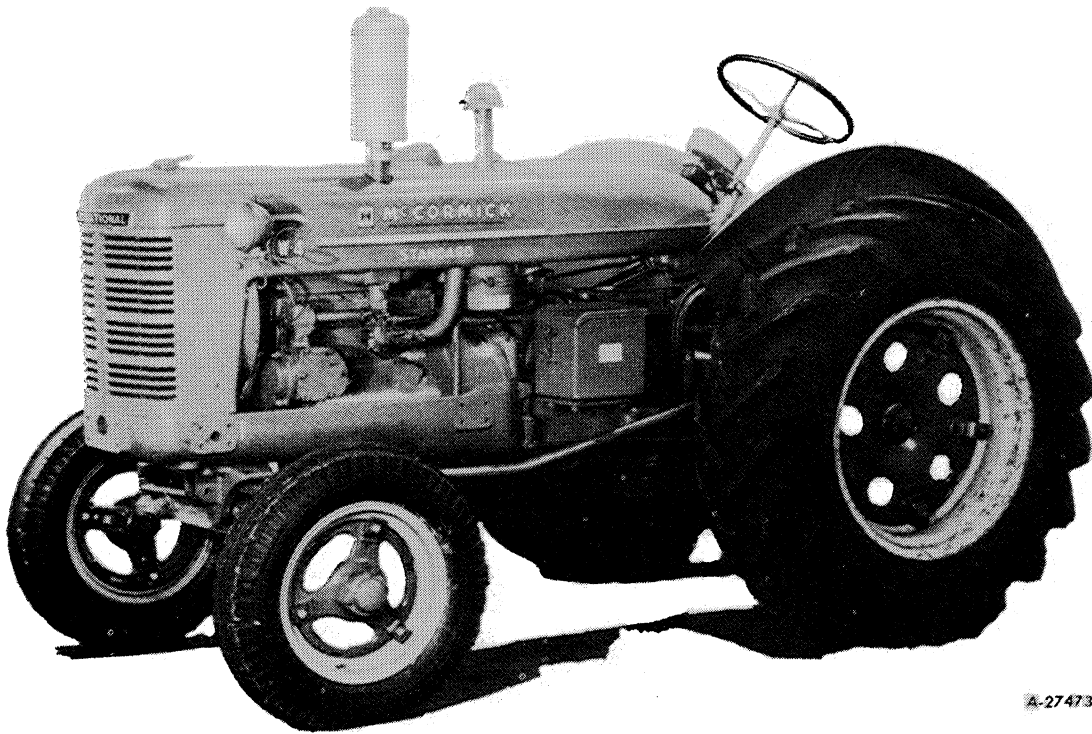


Illust. 2
Location of tractor serial number.



Illust. 2A
Location of engine serial number.

DESCRIPTION



A-27473

Illust. 3
Left front view of the W-4 Tractor.



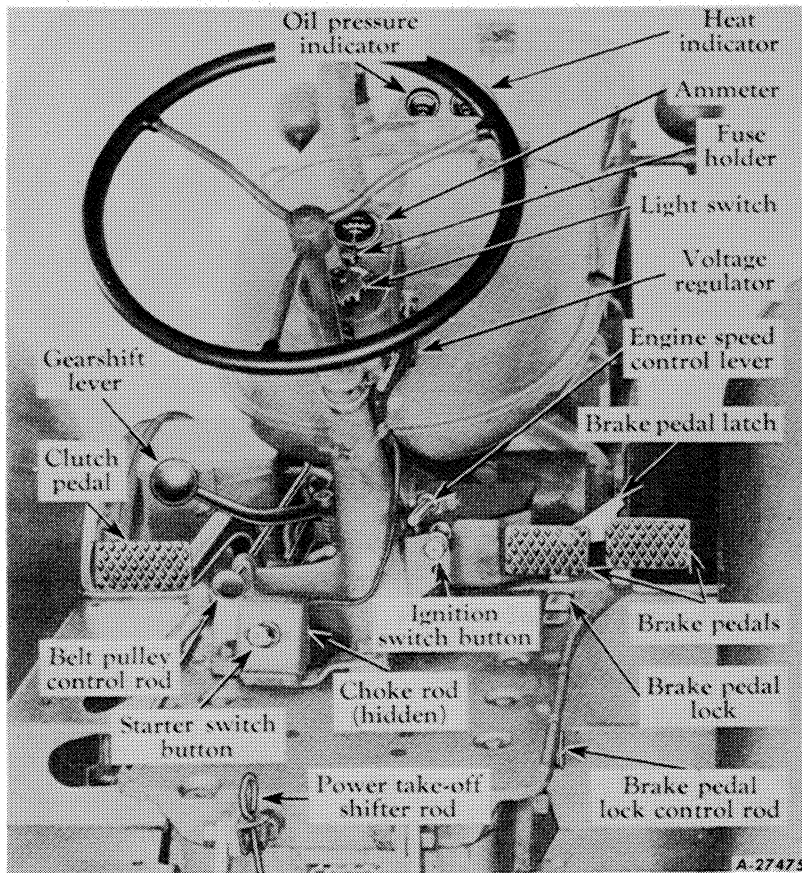
A-27474

Illust. 3A
Right front view of the W-4 Tractor.

DESCRIPTION

INSTRUMENTS AND CONTROLS

A variety of special equipment is available for use with the W-4 Tractor. The instructions for operating and maintaining the special equipment have been included in the instructions for operating and maintaining the tractor. Disregard the instructions for special equipment not on your tractor.



Illust. 4
Location of controls.

Brake Pedals

These pedals are used to stop the tractor, to hold the tractor in a stationary position, or to assist in making sharp turns as outlined below:

To stop the tractor, depress both pedals at the same time. Before driving the tractor in high gear, always latch the pedal together.

To hold the tractor in a stationary position, latch the pedals together; depress and lock them in this depressed position by using the brake pedal lock.

To assist in making a sharp turn, operate the pedals individually, depressing the pedal

on the side toward which the turn is to be made.

The brake pedal latch (*Illusts. 4 and 17*) is used to latch both brake pedals together, causing the brakes to operate simultaneously.

CAUTION! Always latch the brake pedals together when driving the tractor in high gear (5th speed). To latch the pedals together, engage the latch "G" (*Illust. 17*) in the slot in back of the right pedal. When the brake pedals are not latched together, the latch "G" should rest in the slot in back of the left brake pedal.

The brake pedal lock (*Illust. 4*) is used to lock the brake pedals in the depressed position, which prevents the tractor from moving.

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