

**International
444 Tractor**
Operators Manual

1082661R2

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.

To The Owner

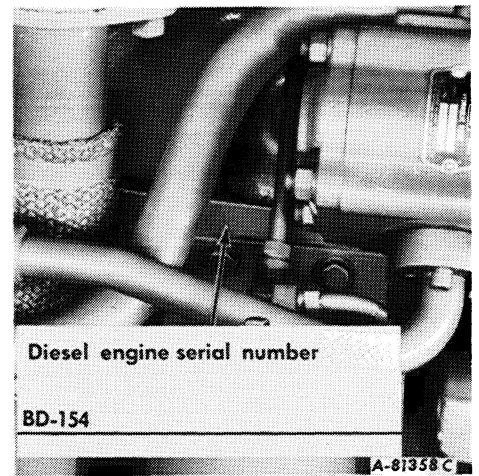
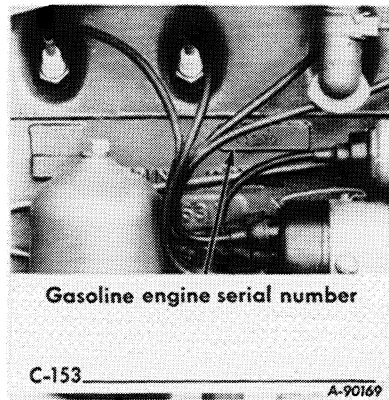
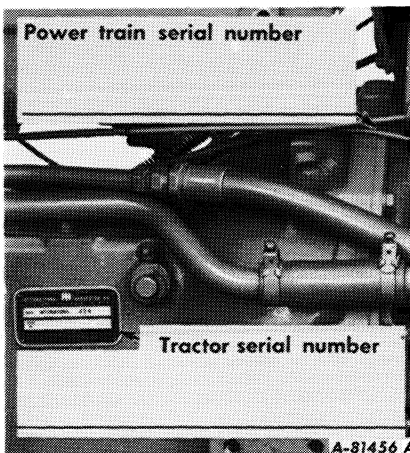
Your new International Harvester tractor is designed to meet today's exacting operating requirements. The ease and comfort of operation, the ability to match ground speeds to engine power and work requirement, and the effortless versatility of the hydraulic system are intended to lighten your work and shorten your hours on the job.

Your local International Harvester dealer is interested in the performance you receive from this tractor. He has factory-trained servicemen, informed in the latest method of servicing tractors, and modern tools, and original-equipment IH service parts which assure proper fit and good performance.

To obtain top performance and assure economical operation the tractor should be inspected, depending on its use, periodically, or at least once a year, by your International Harvester Dealer.

Before you operate the tractor study this manual carefully. It has been prepared to help you operate and maintain your tractor with utmost efficiency. New copies may be ordered from your dealer at a nominal price.

When in need of parts, always specify the tractor, power train, and engine serial numbers, including prefix and suffix letters. Write these serial numbers in the spaces provided below.



This symbol is used to call your attention to instructions concerning your personal safety. Be sure to observe and follow these instructions.

**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.

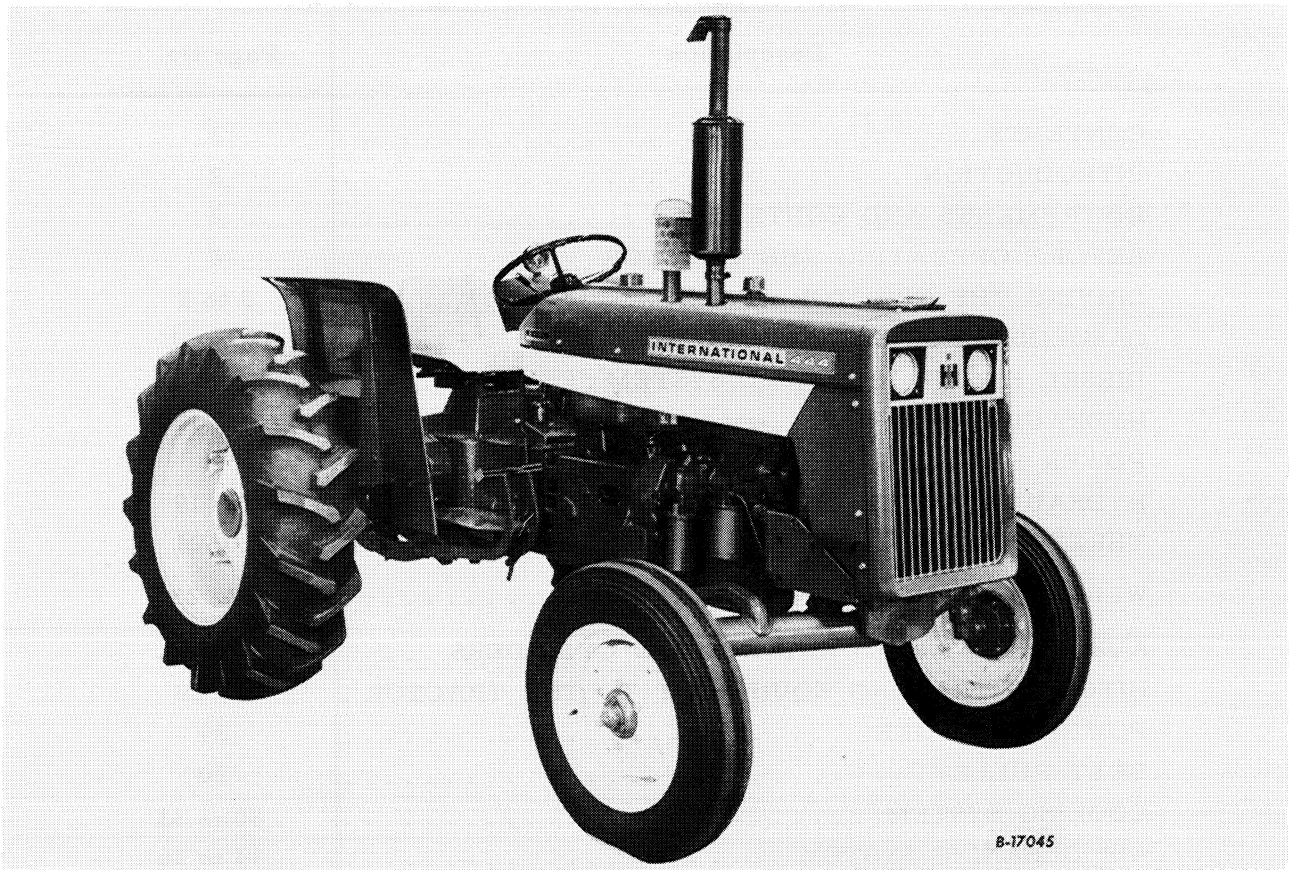
INTERNATIONAL HARVESTER COMPANY

401 NORTH MICHIGAN AVE / CHICAGO ILLINOIS 60611 / U S A

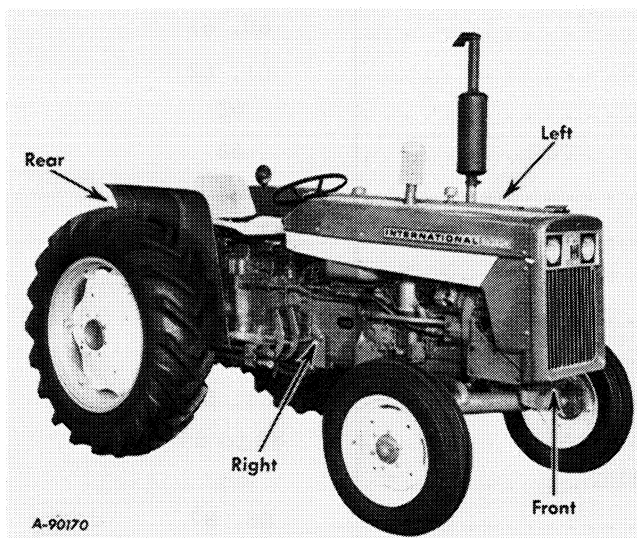
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INTRODUCTION



Illust. 2
Right side view of International 444 Diesel Tractor.



Illust. 2A
Terms of location.

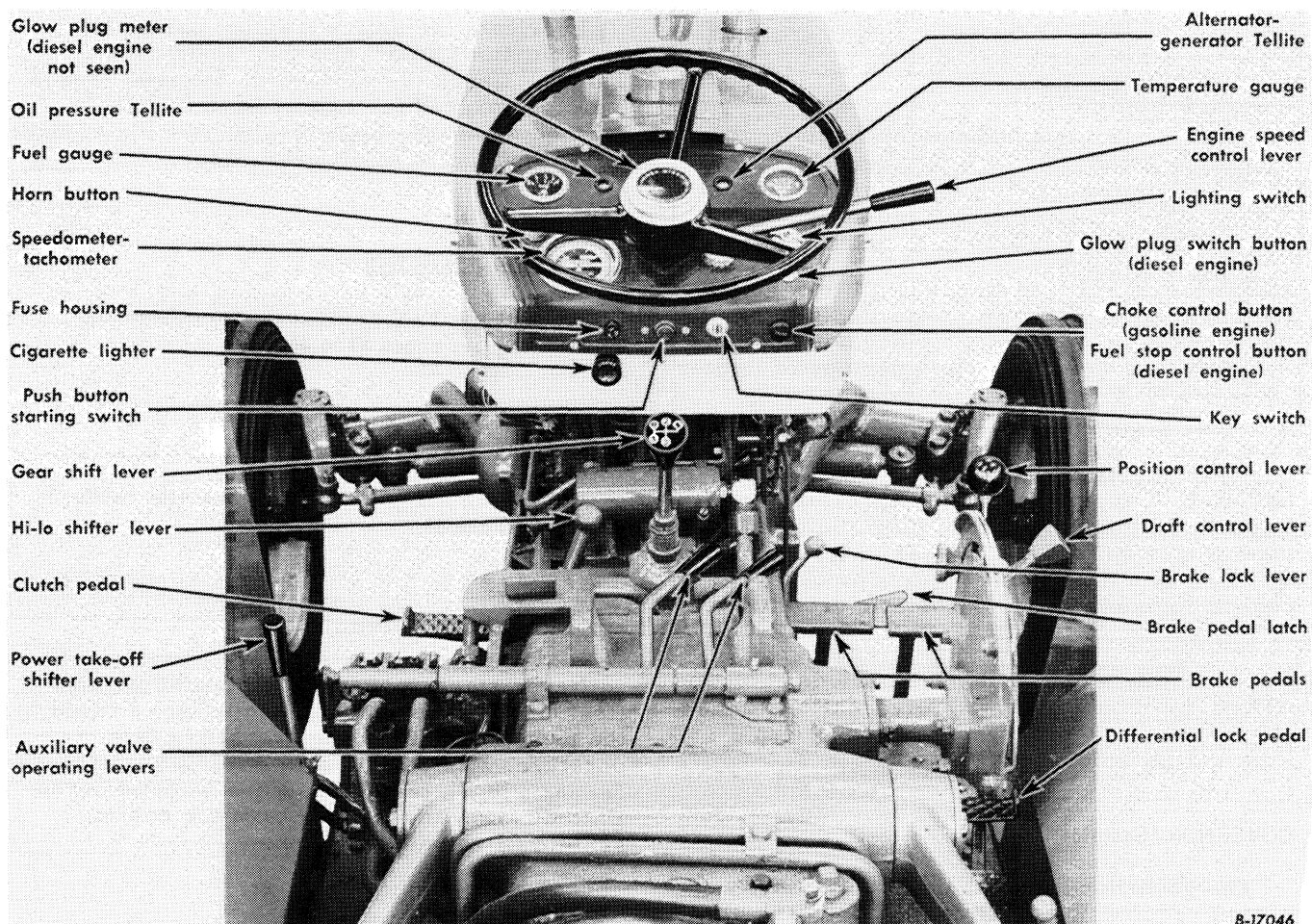
The terms LEFT, RIGHT, FRONT, and REAR must be understood to avoid confusion when following instructions. LEFT and RIGHT indicate the left and right sides of the tractor when facing forward in the driver's seat. See Illust. 2A.

The illustrations in this manual are numbered to correspond with the pages on which they appear; for example, Illusts. 2 and 2A are on page 2.

A variety of optional equipment and accessories is available. Refer to page 85. Operating and maintenance instruction on these items is included in the instructions for operating or maintaining the tractor. Disregard the instructions for equipment not on your tractor.

INSTRUMENTS AND CONTROLS

Before attempting to start or operate the tractor, be sure to review all the instructions for the new tractor and thoroughly familiarize yourself with the instruments and controls.



Illust. 3
Location of instruments and controls.

Page references for items shown in Illust. 3.

Accelerator pedal (page 6)
 Alternator-generator Tellite (page 46)
 Auxiliary valve operating levers (pages 25, 26)
 Brake pedals (pages 7, 61)
 Brake pedal latch (page 7)
 Brake pedal lock rod (page 7)
 Choke control button (gasoline engine) (page 10)
 Cigarette lighter
 Clutch pedal (page 61)
 Differential lock pedal (pages 7, 8)
 Engine speed control lever (pages 10, 13, 50, 52)
 Fuel gauge (page 8)
 Fuel stop control button (diesel engine) (pages 13, 14)
 Fuse holder (page 47)
 Glow plug meter (diesel engine) (pages 13, 42)

Glow plug switch button (diesel engine) (pages 13, 42)
 Hi-Lo shifter lever (pages 6, 7)
 Horn button
 Ignition switch key (gasoline engine) (pages 13, 42)
 Power take-off operating lever (page 30)
 Key switch (diesel engine) (pages 13, 42)
 Lighting switch (page 46)
 Draft control lever (pages 18, 19)
 Oil pressure Tellite (page 46)
 Position control lever (page 18)
 Push button starting switch (pages 10, 13)
 Speedometer-tachometer (page 8)
 Temperature gauge (page 30)
 Forward and reverse drive lever (pages 6, 8)
 Transmission gear shift lever (page 6)

BEFORE OPERATING THE TRACTOR

TRACTOR BREAK-IN PROCEDURE

Period	Engine Speed Control Lever Position	Load
1st Hour	Fully advanced	Maintain engine speed 100 RPM above full load governed speed.
2nd Through 5th Hours	Fully advanced	Full load governed speed with occasional short periods of lighter load.

Allow engine to warm up before operating at full load. If engine coolant temperature rises above middle mark or RUN range on temperature gauge, shift to lower gear on gear drive tractor, or adjust speed ratio control lever to reduce engine load on hydrostatic drive tractor.

During first 100 hours of operation with shipaway oil, avoid prolonged periods of engine idling, but do not overload. Hydraulic filter elements must be changed as specified in Lubrication Guide.

GOVERNOR (Gasoline Engines)

The governor is set at the factory and should require no adjustment. Consult your International Harvester dealer if the governor does not function properly.

Never operate the engine at more than the regular governed speed. Excessive speeds are harmful. Refer to "Engine Speeds" in the "Specifications" on page 83.

Any attempt to increase the engine horsepower by increasing engine r.p.m. above its rated maximum, or by other means, not only affects traveling speeds but affects the life of matching parts and voids the company responsibility as outlined in the warranty.

LUBRICATION

Lubricate the entire tractor, using the "Lubrication Guide" and the "Lubrication Table". Check the oil levels. See pages 71 to 75. Tractors packed for export have all oil drained from the engine crankcase, air cleaner (diesel engine), and all gear cases.

AIR CLEANING SYSTEM

Inspect all rubber hose connections for tightness. See pages 34 to 36.

PNEUMATIC TIRES

Check the air pressures. See the tables on pages 60 and 61.

ENGINE COOLING SYSTEM

Never start to operate the engine without first checking to see if the radiator is filled to the proper level, for the prevailing temperature, with soft or rain water or antifreeze. See pages 30, 31, and 64. Tractors shipped in the United States and Canada have the cooling system filled with antifreeze.

FUEL SYSTEM

Gasoline Engines

Use clean fuel having a minimum octane rating of 93 (Research Method).

Diesel Engines

Check the diesel fuel specification requirement table on page 12. Carefully strain the fuel. Vent the fuel system before starting the engine for the first time. See page 13.

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