

B-414 Diesel Tractor

Operators Manual

1014316R5

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.

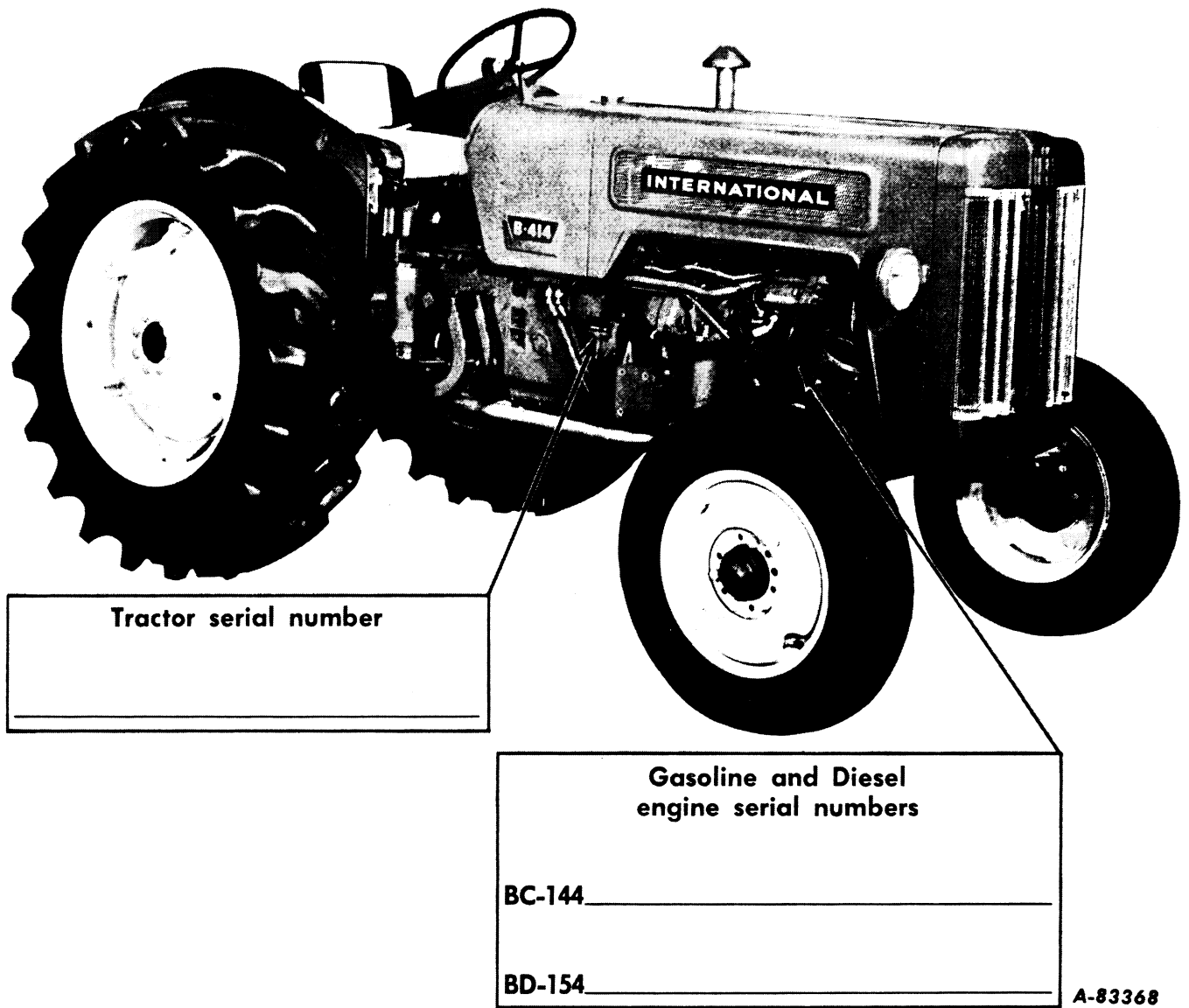
To obtain top performance and assure economical operation the tractor should be inspected, depending on its use, periodically, or at least once a year, by your International Harvester Dealer.

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 and engine serial numbers, including prefix and suffix letters. Write these serial numbers in the spaces provided on the next page.

The tractor serial number is stamped on a name plate attached to the right side of the clutch housing. The engine serial number for gasoline and diesel engines is stamped on the right side of the engine below the engine mounted hydraulic pump. The gasoline engine serial number is preceded by the prefix BC-144, which indicates it is a carbureted engine with a 144-cubic-inch displacement. The diesel engine serial number is preceded by the prefix BD-154, which indicates it is a diesel engine with a 154-cubic-inch displacement. **See Illust. 2.**



Tractor serial number

**Gasoline and Diesel
engine serial numbers**

BC-144 _____

BD-154 _____

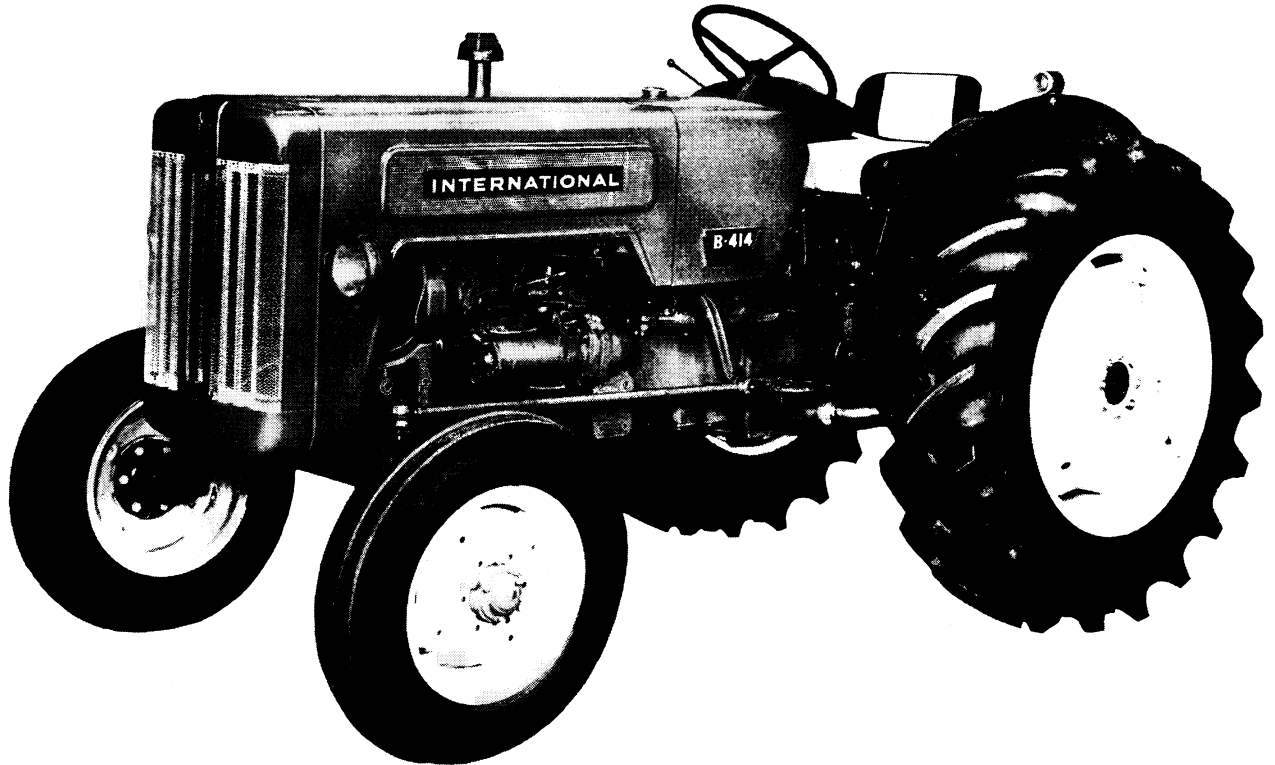
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Illust. 1
Right side view of International B-414 Tractor
showing serial number locations.

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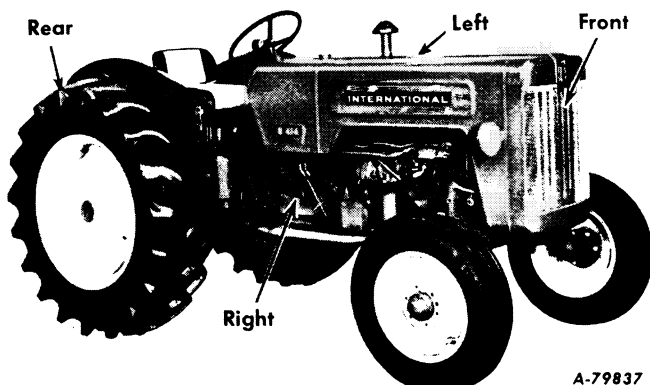
INTRODUCTION



Illust. 3
Left side view of International B-414 Diesel Tractor.

This manual covers the International B-414 Standard and Hi-Clear Tractors.

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. 3A.

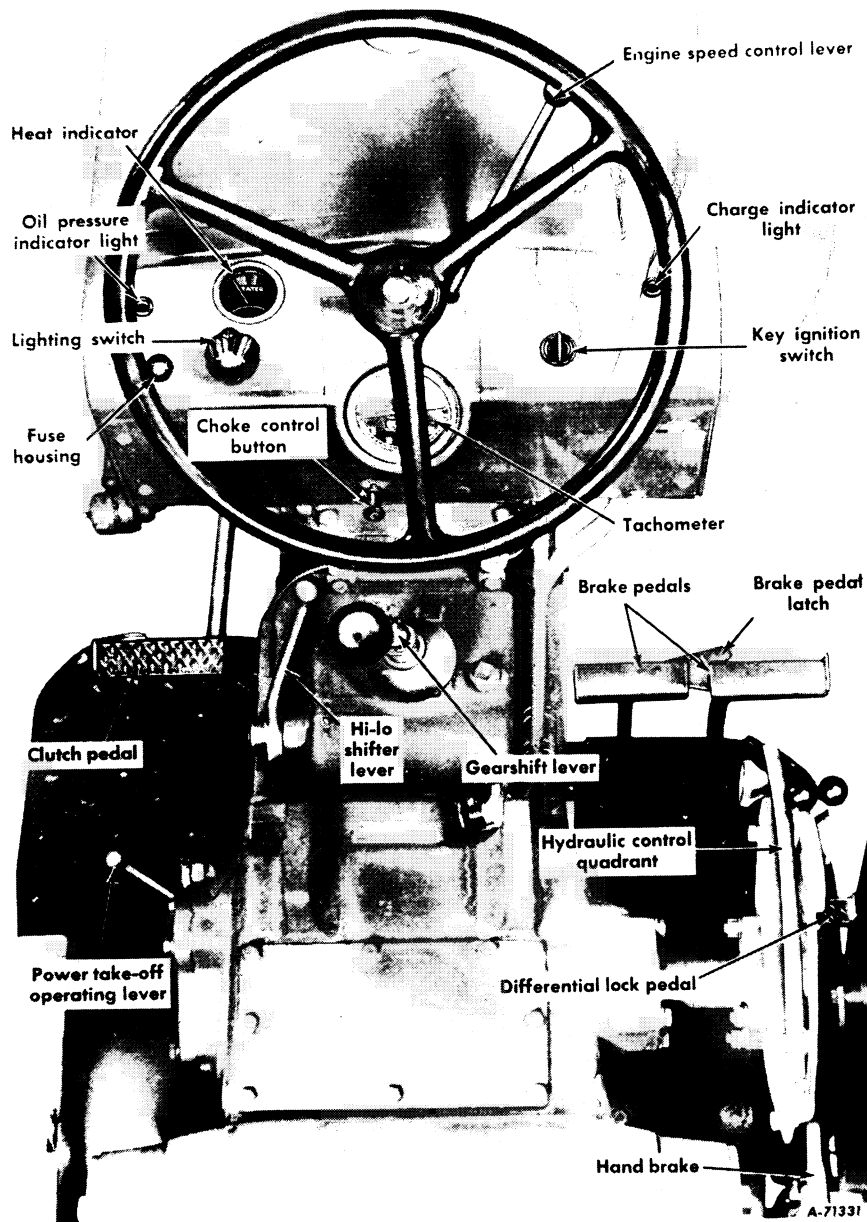


Illust. 3A
Terms of location.

The illustrations in this manual are numbered to correspond with the pages on which they appear; for example, Illusts. 3 and 3A are on page 3.

A variety of extra equipment and accessories is available. Refer to page 68. 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



Illust. 4
Instruments and controls on the gasoline engine tractor.

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 pedals together.

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 (Illust. 4 or 5) 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 the two highest gears (H-3 and H-4). To latch the pedals together, engage the latch (in the left pedal) (Illust. 4 or 5) in the slot in the right pedal. When the brake pedals are not latched together, the latch should rest in the slot in the left brake pedal.

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