


660/660 Diesel Tractors

Operators Manual

1014246R5






 *THIS SAFETY ALERT SYMBOL INDICATES IMPORTANT SAFETY MESSAGES IN THIS MANUAL. WHEN YOU SEE THIS SYMBOL, CAREFULLY READ THE MESSAGE THAT FOLLOWS AND BE ALERT TO THE POSSIBILITY OF PERSONAL INJURY OR DEATH.*

M171B

If Safety Decals on this machine use the words **Danger, Warning or Caution**, which are defined as follows:

- **DANGER:** Indicates an immediate hazardous situation which if not avoided, will result in death or serious injury. The color associated with Danger is RED.
- **WARNING:** Indicates a potentially hazardous situation which if not avoided, will result in serious injury. The color associated with Warning is ORANGE.
- **CAUTION:** Indicates a potentially hazardous situation which if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices. The color associated with Caution is YELLOW.

If Safety Decals on this machine are ISO two panel Pictorial, decals are defined as follows:

- The first panel indicates the nature of the hazard.
- The second panel indicates the appropriate avoidance of the hazard.
- Background color is YELLOW.
- Prohibition symbols such as   and  if used, are RED.



WARNING

IMPROPER OPERATION OF THIS MACHINE CAN CAUSE INJURY OR DEATH. BEFORE USING THIS MACHINE, MAKE CERTAIN THAT EVERY OPERATOR:

- Is instructed in safe and proper use of the machine.
- Reads and understands the Manual(s) pertaining to the machine.
- Reads and understands ALL Safety Decals on the machine.
- Clears the area of other persons.
- Learns and practices safe use of machine controls in a safe, clear area before operating this machine on a job site.

It is your responsibility to observe pertinent laws and regulations and follow Case Corporation instructions on machine operation and maintenance.

TO THE OWNER

The purpose of this manual is to assist you in realizing the benefits you anticipated when you purchased this International Harvester product. Many people have contributed to the design and production of this product and its delivery to you. They have an interest in its successful performance and have provided this manual to give you the benefit of the experience they have gained through years of field testing and normal usage of this and similar products.

The way you operate and the care you give this product will have much to do with its successful performance. This manual has been carefully prepared and the information arranged and illustrated to make it as easy as possible for you to find the information you wish. It will pay you to read the entire manual carefully before operating and keep it handy for future reference. Your International Harvester Dealer will be glad to answer any further questions you may have on the operation or care of this product.

It is the policy of International Harvester Company to improve its products whenever it is possible and practical to do so. We reserve the right to make changes or add improvements at any time without incurring any obligation to make such changes on products sold previously.

**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	Page No.
DELIVERY REPORT	1
INTRODUCTION	3
DESCRIPTION.	4
INSTRUMENTS AND CONTROLS.	5 to 8
BEFORE STARTING YOUR NEW TRACTOR.	9,10
DIESEL FUEL OIL SPECIFICATIONS.	10
PREPARING YOUR TRACTOR FOR EACH DAY'S WORK	11
OPERATING THE GASOLINE ENGINE	12, 13
OPERATING THE DIESEL ENGINE	14 to 16
DRIVING THE TRACTOR	17 to 19
OPERATING THE TORQUE AMPLIFIER	20, 21
OPERATING THE HYDRA-TOUCH SYSTEM.	22, 23
HITCHING THE IMPLEMENT TO THE TRACTOR	24
OPERATING THE INDEPENDENT POWER TAKE-OFF.	25
OPERATING THE BELT PULLEY	26
FRONT WHEELS.	27 to 29
REAR WHEELS	30
WEIGHTS	31, 32
PNEUMATIC TIRES	33 to 35
STARTING AND LIGHTING EQUIPMENT	36 to 40
COOLING SYSTEM.	41
COLD WEATHER PRECAUTIONS	42
GENERAL ENGINE LUBRICATION.	43
LUBRICATING OIL AND GREASE SPECIFICATIONS	44
LUBRICATION TABLE	45
LUBRICATION GUIDE	46 to 49
SPECIFICATIONS	50 to 54
EXTRA EQUIPMENT AND ACCESSORIES.	55
INDEX	56 to 58

A Careful Operator
**IS THE BEST INSURANCE
 AGAINST AN ACCIDENT**

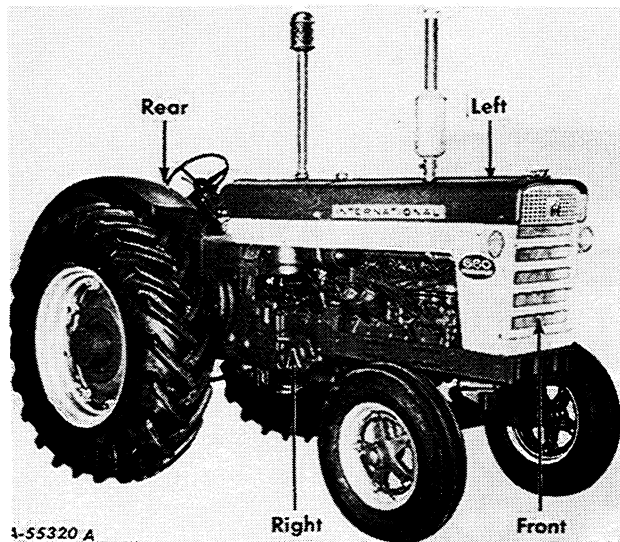
—National Safety Council.

INTRODUCTION

Assembled in this book are operating and lubrication instructions for the International 660 and International 660 Diesel Tractors. 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 in the tractor Preventive Maintenance 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 of the tractor; to REAR, the drawbar end. See *Illust. 3*.



4-55320 A

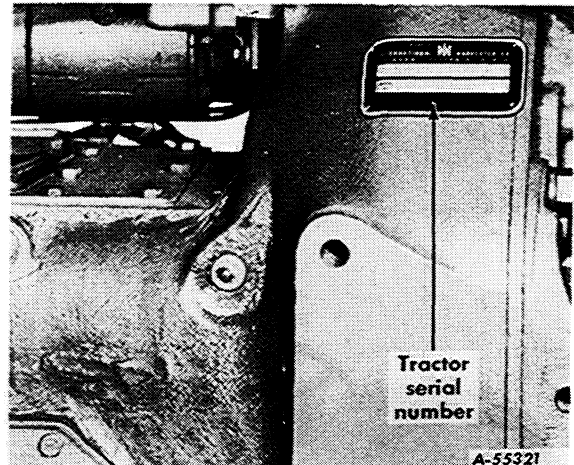
Illust. 3
Terms of location.

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.

In order to provide a tractor equipped as nearly as possible to suit each customer's needs, a variety of extra equipment and accessories is available. For a list of the extra equipment and accessories available, see page 55.

Where operating and maintaining instruction on these items is required, it is included in the instructions in the Operator's or Preventive Maintenance Manual. Disregard the instructions for equipment not on your tractor.

When in need of parts, always specify the tractor and engine serial numbers, including any prefix or suffix letters. The tractor serial number is stamped on a name plate attached to the right side of the clutch housing. See *Illust. 3A*.

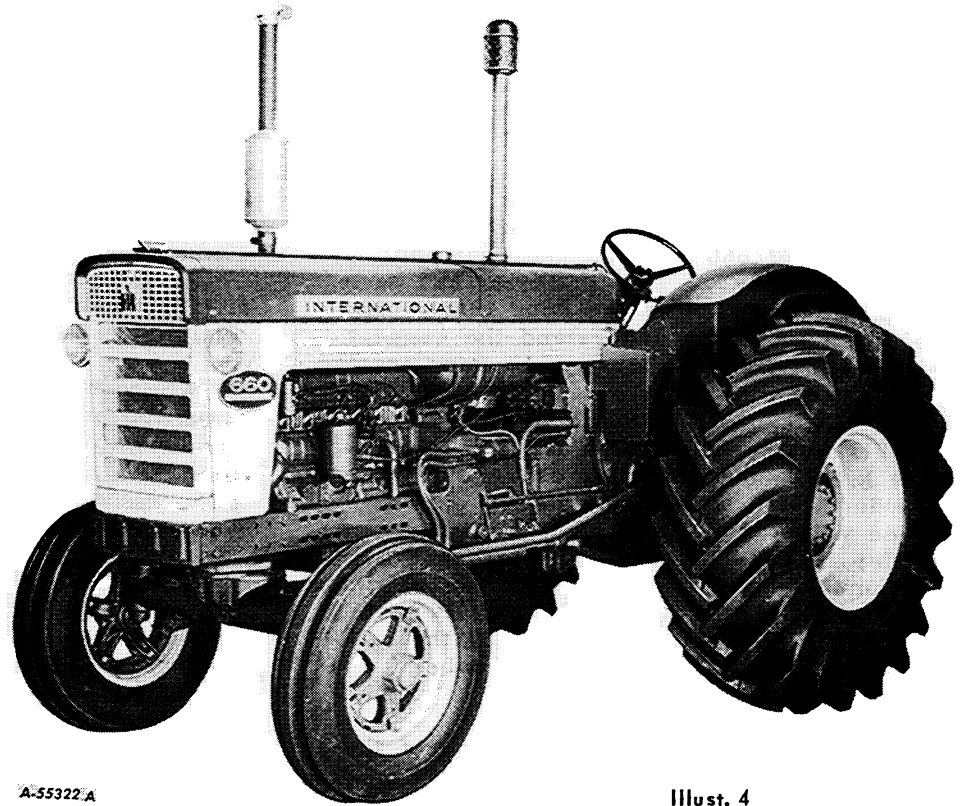


Illust. 3A
Location of the tractor serial number.

The engine serial number is stamped on the left side of the engine crankcase on a pad below the distributor housing on the gasoline engine tractor, or below the oil pump shaft support on the diesel engine tractor. This serial number is preceded by either the prefix C-263, which indicates that it is a carbureted engine with a 263 cubic-inch piston displacement, or D-282, which indicates it is a diesel engine with a 282 cubic-inch piston displacement.

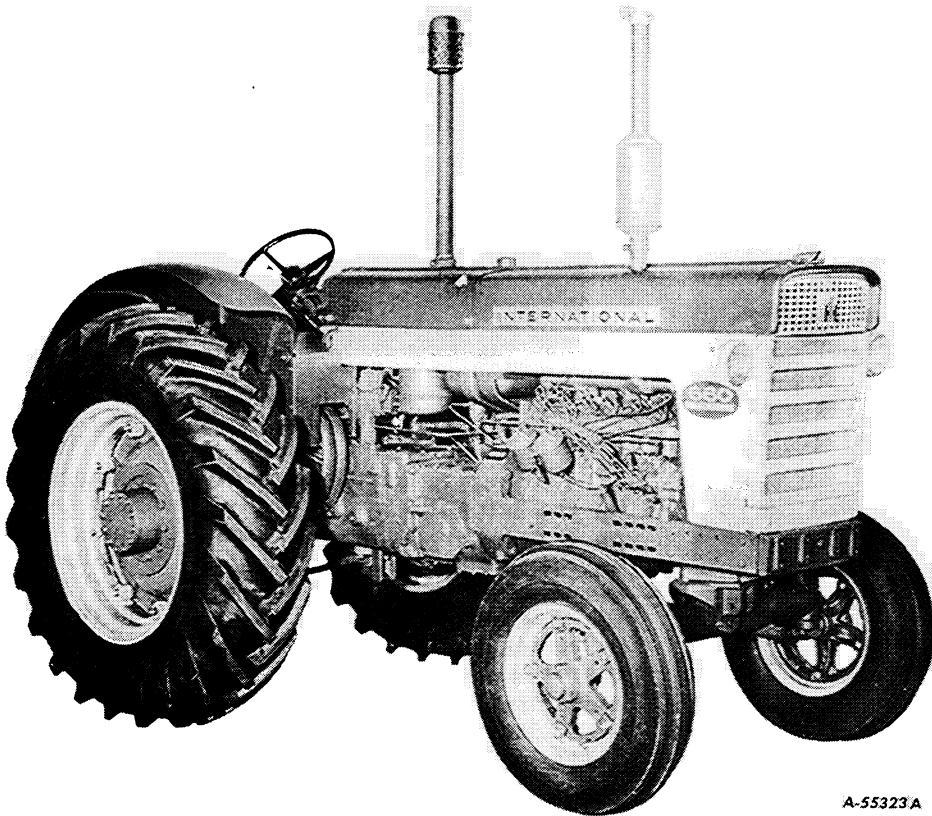
For ready reference, we suggest that you write these serial numbers in the spaces provided on the Delivery Report.

DESCRIPTION



A-55322A

Illust. 4
Left front view of the International 660 Tractor.



A-55323A

Illust. 4A
Right front view of the International 660 Diesel Tractor.

Buy Now



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