

**1468
Tractor**

Operators Manual

1084208R1





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

Assembled in this manual are operation, lubrication, and maintenance instructions for the Farmall 1468 Diesel Gear Drive 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.

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.

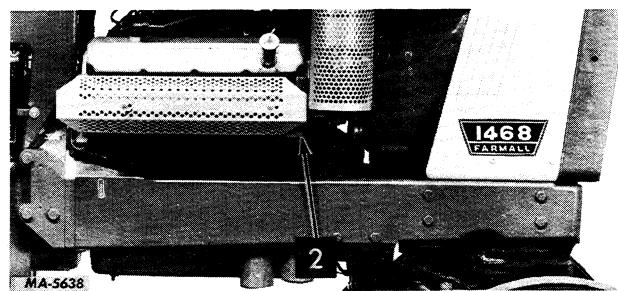
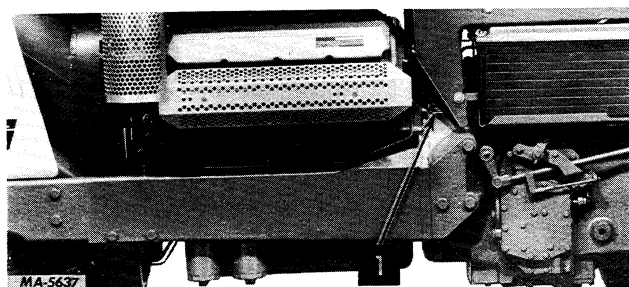
Your local International Harvester dealer is interested in the performance you receive from this tractor. He has factory-trained servicemen, informed in the latest

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 below.



1-

Tractor Serial Number

2-

Engine Serial Number
DV-550B _____

THIS MANUAL IS FOR TRACTORS WITH TRACTOR SERIAL NO. 9,000 AND ABOVE

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INTRODUCTION



Illust. 2

LEFT and RIGHT indicate the left and right sides of the tractor when facing forward in the driver's seat. See Illust. 2.

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

A variety of optional equipment is available. Refer to "Optional Equipment". Operating and maintenance instruction on these items is included in the instructions for operating or maintaining the tractor.

WORK SAFELY — FOLLOW THESE RULES



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

A CAREFUL OPERATOR IS THE BEST INSURANCE AGAINST AN ACCIDENT

BEFORE STARTING

Know the controls and what they do.

When fueling an engine, keep any type of open flame away. Do Not Smoke! Wait for the engine to cool before refueling it.

Check brakes and clutch for correct adjustments.

Reduce tipping hazards by spreading wheels as far as your work program permits.

Check coolant and engine oil levels, and perform any other necessary services, before starting the engine.

Clean dirt, trash, and grease from operator's platform, pedals, steps, and steering wheel.

Be sure muffler and exhaust pipe extensions are in place so exhaust gases are discharged above operator.

Always carry a "Charged" fire extinguisher and a first aid kit.

Avoid loose-fitting clothing, which could catch on moving parts.

Mounting assist handles and steps are provided for your safety. Use them when getting on or off the tractor.

Put all controls in neutral before starting the engine.

Be sure power take-off lever is in the "OFF" or disengaged position before starting engine.

Before starting engine make sure helpers or observers stand clear of equipment.

Operate the engine only in well ventilated areas.

Release park brake completely.

DURING OPERATION

Hydraulic fluid escaping under pressure can have enough force to penetrate the skin. Hydraulic fluid may also infect a minor cut or opening in the skin. If injured by escaping fluid, see a doctor at once. Serious infection or reaction can result if medical treatment is not given immediately. Make sure all connections are tight and that hoses and lines are in good condition before applying pressure to the system. Relieve all pressure before disconnecting the lines or performing other work on the hydraulic system. To find a leak under pressure use a small piece of cardboard or wood. Never use hands.

Power take-off master shield must always be in place on the tractor.

Use the drawbar in lowest position when hitching to a heavy load, such as manure spreaders, loaded two-wheel trailers, and heavy wagons.

Pull only from drawbar; never hitch to axle housing.

Shift transmission to neutral and set park brake before dismounting to hitch equipment.

Keep safety shields in place when using power take-off.

Disengage PTO and shut off the engine before adjusting or unclogging power driven machinery.

Only the operator should ride on the tractor. He should set on seat or stand on the platform.

Keep others, especially children, from riding on steps, fenders, or drawbar, and away from tractor and equipment.

WORK SAFELY—FOLLOW THESE RULES

DURING OPERATION - Continued

Reduce speed before making a turn.

Always keep the tractor in gear when going down steep hills.

Avoid . . . sudden starts, excessive speed, and sudden stops . . . when operating on hillside, rough ground, and most off-the-road operations.

Carefully supervise inexperienced operators.

Stop the engine before leaving the tractor.

TRACTORS WITH CABS

Be sure cab doors are securely latched when operating the tractor.

Always use the seat belts, if they are furnished with the unit. However, do not install seat belts if the tractor has no protective frame.

Adjust rear view mirrors for maximum vision.

Lock the cab doors, if locks are furnished, when leaving the tractor.

TRANSPORTING

Reduce speed when traveling on rough roads.

Avoid heavily-traveled roads when moving equipment, if at all possible.

Use warning devices (i.e. flags, S.M.V. emblem, lights, etc.) which are approved for use by your local government agencies, when moving equipment on public roads. Keep these devices clean and in good working condition.

Be sure hitches and/or drawbars are properly stabilized before towing equipment.

When moving on public roads, or from field to field, lock brake pedals together for simultaneous operation when making a stop.

Be courteous, have consideration for other traffic using the road.

AFTER OPERATING

Wait for tractor to "STOP" before dismounting.

Lower equipment to ground before leaving tractor.

Shut off engine and remove ignition key.

Lock the park brake so tractor will not roll.

To remove the radiator cap when the engine is "HOT", turn the cap to the pressure release point - let pressure and steam escape - then remove it.

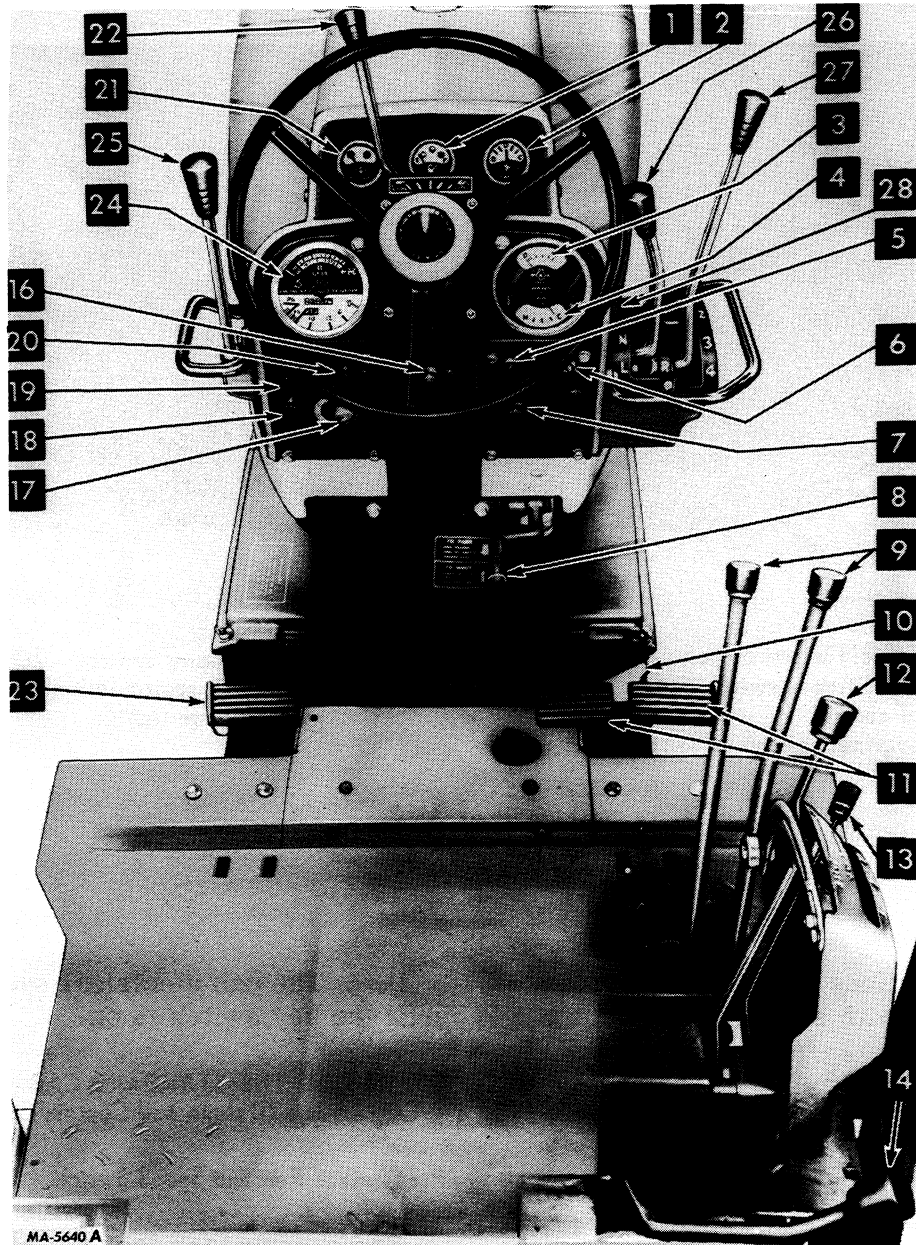
TRACTOR INSTRUMENTS AND CONTROLS

Page references for items shown in Illust. 5.

- | | |
|---|--|
| 1 - Fuel gauge (page 13) | 15 - Not used |
| 2 - Charge indicator (pages 59, 60) | 16 - Ether starting push button (pages 22 to 24) |
| 3 - Engine oil pressure gauge (page 23) | 17 - Lighting switch (page 58) |
| 4 - Engine coolant temperature gauge (page 50) | 18 - Cigarette lighter (page 5) |
| 5 - Transmission oil pressure Tellite (page 59) | 19 - Fuse housing (page 59) |
| 6 - Key switch (page 21) | 20 - Push button starting switch (pages 21, 22) |
| 7 - Horn button (page 5) | 21 - Air cleaner service indicator (page 53) |
| 8 - Park lock lever (page 17) | 22 - Engine speed control lever (page 21) |
| 9 - Auxiliary valve operating levers (pages 46, 47) | 23 - Clutch pedal (pages 21, 22) |
| 10 - Brake pedal latch (page 15) | 24 - Speedometer-tachometer (page 18) |
| 11 - Brake pedals (page 15) | 25 - Torque amplifier lever (page 17) |
| 12 - Position (Inside) control lever (pages 26,27) | 26 - Range lever (page 16) |
| 13 - Draft control lever (pages 26, 27) | 27 - Speed lever (page 16) |
| 14 - Independent power take-off operating lever (page 49) | 28 - Controls quadrant light (page 58) |

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 tractor instruments and controls.



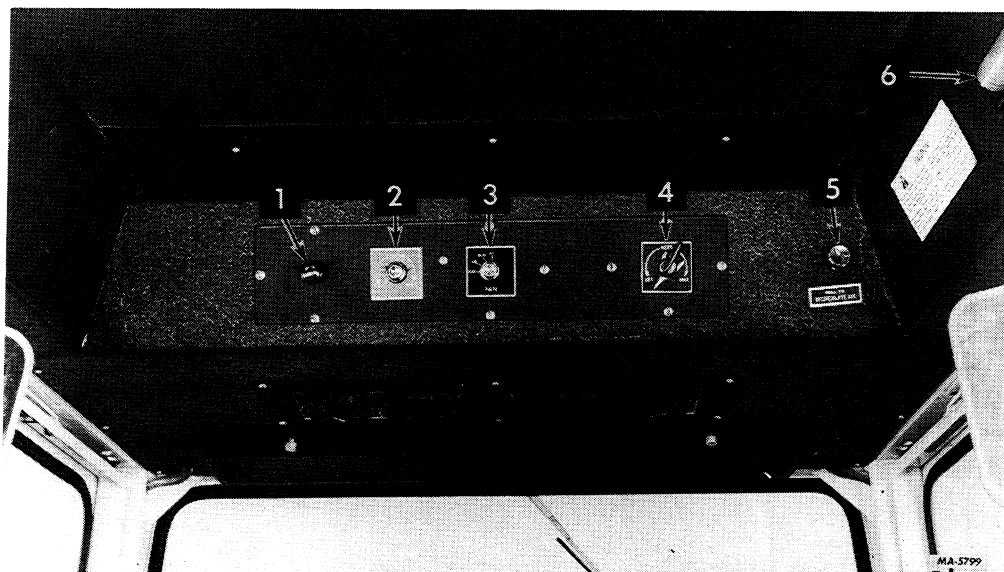
Illust. 5
Location of tractor instruments and controls.

Note: For the symbols used to pictorially identify various tractor instruments and controls, refer to "UNIVERSAL SYMBOLS FOR TRACTOR INSTRUMENTS AND CONTROLS" in rear of the manual.

CAB CONTROLS

The International 155 Two-Way Plow can be used with a tractor equipped with DeLuxe Cab only when a quick-coupler is used and cab is not equipped with an air conditioner.

The International 82 Lister with Fertilizer Attachment is not recommended for use with a tractor equipped with DeLuxe Cab.



- | | |
|---|-------------------------------|
| 1 - Windshield wiper switch | 4 - Heater control |
| 2 - Air conditioner switch and cold control | 5 - Air recirculation control |
| 3 - Pressurizer fan speed switch | 6 - Dome light |

Illust. 6
Deluxe cab controls shown.

These instructions refer to the Custom and DeLuxe Cab with standard equipment.

The illustrations shown are of the DeLuxe cab.

The controls for the Custom Cab may be in a different location than those shown.

The cab has a fresh air filter and pressurizer system which when in operation provides filtered fresh air into the cab.

Note: The cab electrical system is not on until the key switch is on.

OPERATING THE STANDARD CAB CONTROLS (Deluxe and Custom Cabs)

Pressurizer Fan and Speed Switch.

The pressurizer fan is controlled by a three speed switch and air is directed into the cab by adjustable louvres. For maximum pressurization the switch should be in the "Hi" (high) position.

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