

**1466 Turbo  
Diesel Tractor**  
**Operators Manual**

1082947R1

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.

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# INTRODUCTION



1 - Right side of tractor  
2 - Rear

3 - Left side of tractor  
4 - Front

Illust. 2

Farmall 1466 Turbo Diesel Tractor showing terms of location.

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

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 sit 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, either closed or open, 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 (ie. 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 safety stop - let pressure and steam escape - then remove it.

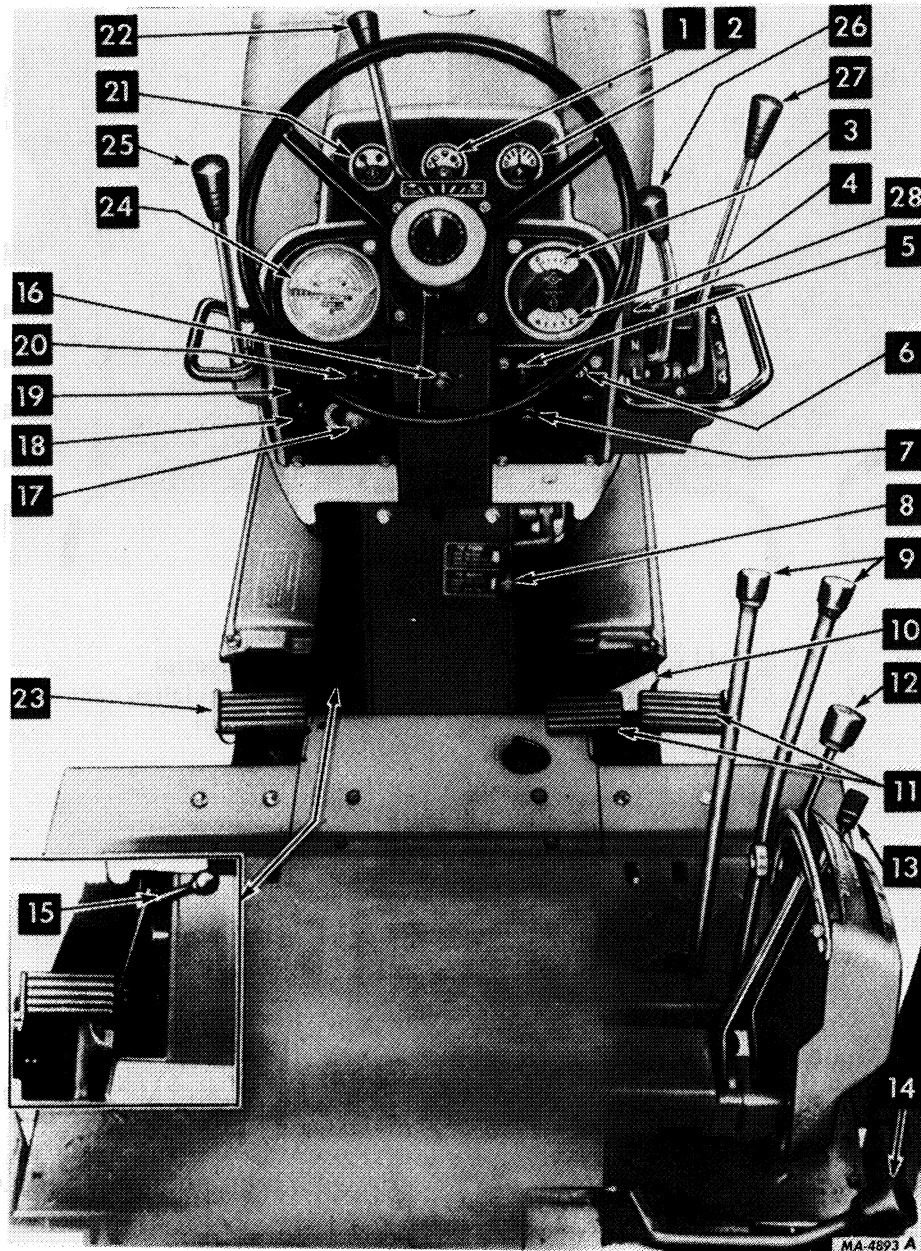
## TRACTOR INSTRUMENTS AND CONTROLS

Index to reference numbers for items shown in Illust. 5.

- |   |                                    |
|---|------------------------------------|
| 1 - Fuel gauge                                  | 15 - All-wheel drive shift lever   |
| 2 - Charge indicator                            | 16 - Ether starting push button    |
| 3 - Engine oil pressure gauge                   | 17 - Lighting switch               |
| 4 - Engine coolant temperature gauge            | 18 - Cigarette lighter             |
| 5 - Transmission oil pressure Tellite           | 19 - Fuse housing                  |
| 6 - Key switch                                  | 20 - Push button starting switch   |
| 7 - Horn button                                 | 21 - Air cleaner service indicator |
| 8 - Park lock handle                            | 22 - Engine speed control lever    |
| 9 - Auxiliary valve operating levers            | 23 - Clutch pedal                  |
| 10 - Brake pedal latch                          | 24 - Speedometer - tachometer      |
| 11 - Brake pedals                               | 25 - Torque amplifier lever        |
| 12 - Position (Inside) control lever            | 26 - Range lever                   |
| 13 - Draft control lever                        | 27 - Speed lever                   |
| 14 - Independent power take-off operating lever | 28 - Controls quadrant light       |

## 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.

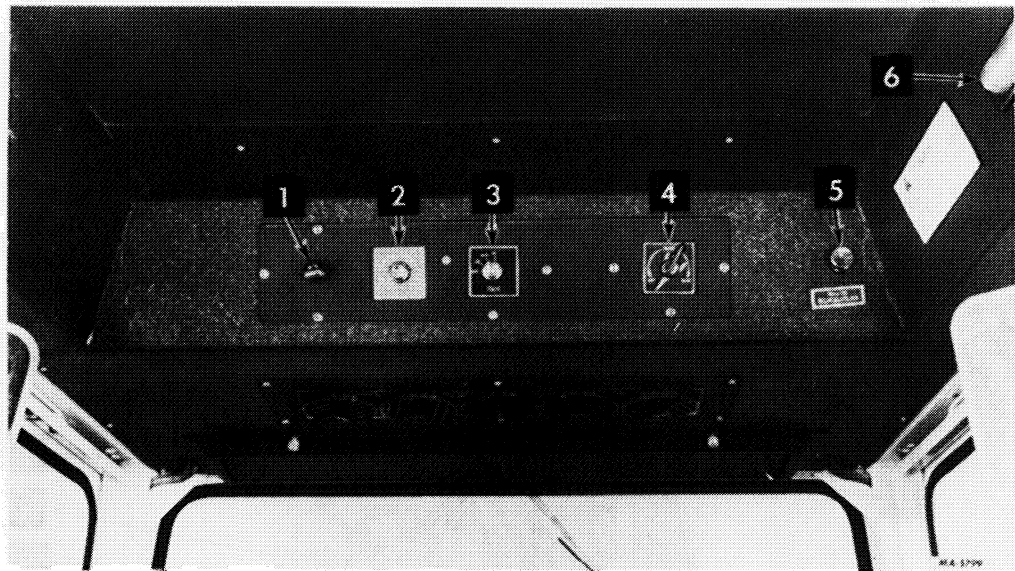


Illust. 5

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



- |   |                               |
|---|-------------------------------|
| 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.



# CAB CONTROLS

## OPERATING THE STANDARD CAB CONTROLS (Deluxe and Custom Cabs) - Continued

### Turn signals

The turn signal lever (located to the left of the steering wheel) is used by moving it down for left turn and up for right turn as shown by flashing lights on side towards turn, with steady light shown on opposite side.

**Note:** In order to actuate turn signals tractor taillight must be on.

Turn signal switch for standard dual flashing warning lights operation should be in the center position.

### Windshield wiper switch

The windshield wiper is controlled by a remote switch ("ON" and "OFF").

### Dome light

The dome light is on a live circuit and can be operated independent of tractor key switch. It is turned on and off by a toggle switch adjacent to the light.

## OPERATION OF CONTROLS FOR HEATER (Deluxe and Custom Cabs)

### Heater control

The heat control must be turned on and the degree of heat may be varied by the position of the control.

### Pressurizer fan and speed switch

The switch must be on to deliver hot air.

### Air recirculation controls (Deluxe cabs only)

To obtain quick warm up of air in the cab, in extreme cold weather conditions, pull out air recirculation control to recirculate inside air. For one hundred percent filtered fresh air place the control at the "IN" position.

## OPERATION OF CONTROLS FOR AIR CONDITIONING (Deluxe cabs only)

### Air conditioning switch and cold control)

The control must be in "ON" position and temperature may be controlled as desired by the position of the control.

Pressurizer fan and speed switch must be in the "ON" position for air conditioning to operate.

### Air recirculation controls (Deluxe cab only)

In extreme hot weather conditions, to obtain quick cool down of air in the cab, pull out the air recirculation control to recirculate inside air.

For 100 percent filtered fresh air place the control at the "IN" position.

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