

**WD-6
Tractor**

Operators Manual

1004064R3

Reprinted

CASE IH



*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.



WARNING

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 TRACTOR OWNER

Please accept our congratulations on your investment in an International Harvester tractor as your new power partner. We feel sure you will obtain from this machine the economical and superior performance it is designed to give. It is certain that you will derive a large measure of personal satisfaction from operating it.

Years of tractor manufacturing experience and actual contact with agricultural problems have been combined with advancements in engineering and metallurgical science to produce all the features and refinements built into your tractor. Properly adjusted, operated, and maintained, this tractor will respond to every reasonable demand you make upon it and give you reliable service for years to come.

The purpose of this Owner's Manual is to explain maintenance requirements and routine adjustments which are necessary for the most efficient operation of your tractor. To protect your tractor investment, study your Manual *before* starting or operating your tractor.

If you should need information not given in this Manual, or require the services of a trained mechanic, we urge you to use the extensive facilities offered by the International Harvester dealer in your locality. Dealers are kept informed on the best methods of tractor servicing and are equipped to provide prompt, efficient service in the field or in an up-to-date service station.

Dealers carry ample stocks of essential IH parts. These dealers are backed in every case by the full facilities of a conveniently located International Harvester District Office.

When in need of parts, always give the International Harvester dealer your tractor and engine serial numbers. We suggest that you write these serial numbers in the spaces provided below, for ready reference when parts are required.

Tractor Serial No. _____
(Stamped on plate on clutch compartment cover, left hand)

Engine Serial No. _____
(Stamped on right-hand side of crankcase, above injection pump)

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 tractors sold previously.

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SPECIFICATIONS

Capacities (U. S. Measure)

Air cleaner oil cup	Approx.	2-3/4 pts.
Fuel tank	Approx.	20-1/2 gals.
Gasoline tank	Approx.	7/8 gal.
Water cooling system	Approx.	6-3/4 gals.
Crankcase pan	Approx.	9 qts.
Injection pump (Bosch)	Approx.	3/8 pt.
Injection pump (IH)	Approx.	1/2 pt.
Steering gear housing	Approx.	1-1/2 pts.
†Transmission and differential case	Approx.	13 gals.

† Also see lubrication chart.

Engine (Diesel Type)

Cylinders	4
Bore	3-7/8 in.
Stroke	5-1/4 in.
Engine speed (governed) (maximum full load)	1450 rpm.
*Power take-off shaft speeds (clockwise rotation):	
Maximum - full load	537 rpm.
Low idle - no load	185 rpm.
Fast idle - no load	596 rpm.
Fuel injection pump	IH or Bosch
Carburetor - IH type (dual manifold starting)	
Magneto (counterclockwise)	IH Type H-4
Spark plug	Gap .020 in. to .025 in.
Valve clearance (engine hot)	.017 in.

Clutch and Belt Pulley

Single plate, dry disk (spring loaded)	11 in.
*Pulley speeds:	
Low idle - no load	310 rpm.
Fast idle - no load	998 rpm.
Maximum - full load	899 rpm.
*Belt speed (with 11-inch pulley)	2588 ft. per min.
*Pulley diameter	11 in.
*Pulley face	7-1/2 in.
* Special - furnished when ordered.	

Foot Brakes

External contracting on drums.

Transmission (Five Speeds)

(Based on 13-30 pneumatic tires)

Speed (miles per hour)	{	1st	2-3/8
		2nd	3-3/8
		3rd	4-3/8
		4th	5-3/8
		*5th	15-7/8
		Reverse	2-7/8

* 5th speed locked out when using steel wheels.

Wheels and Tread

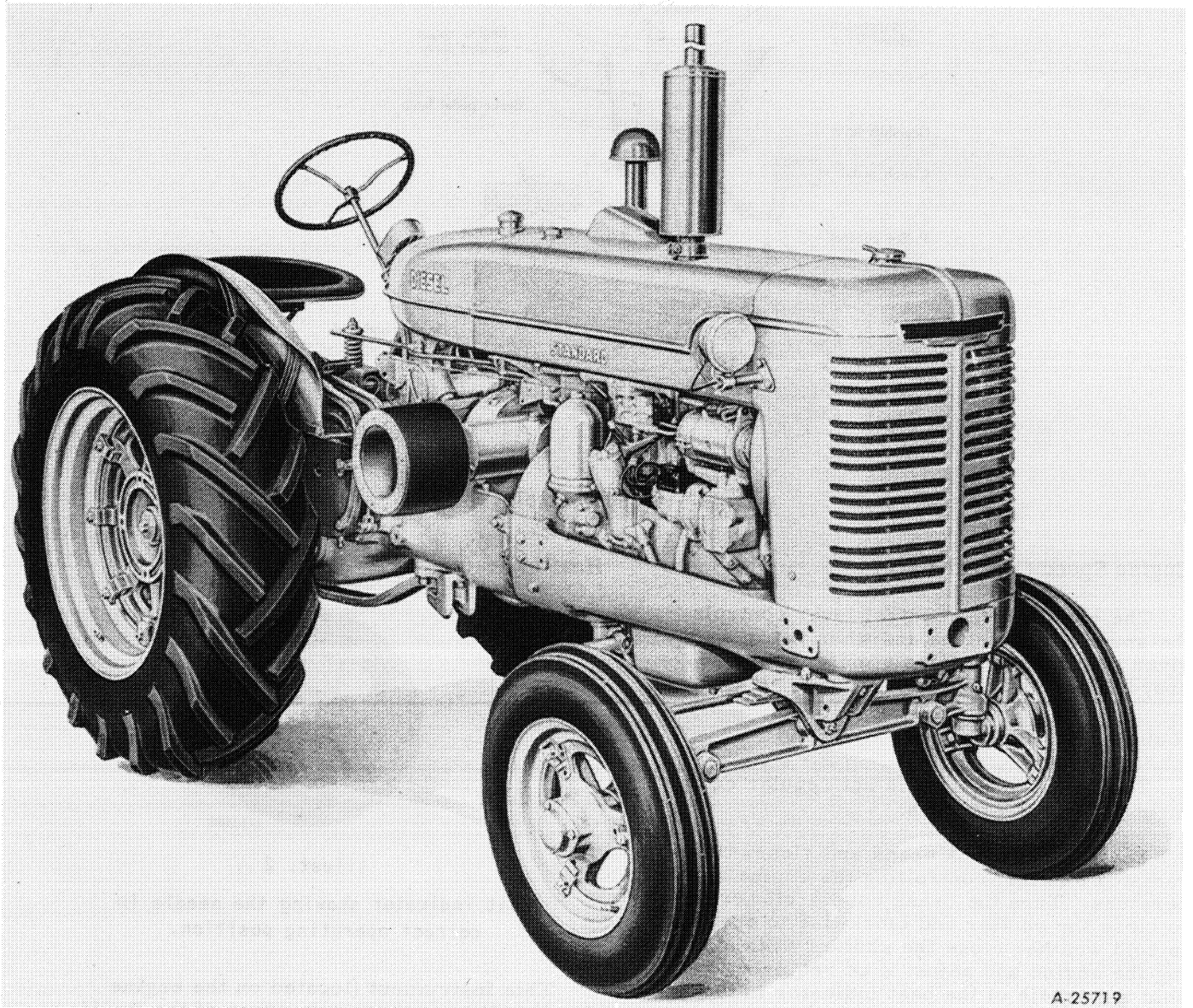
Front wheels (pneumatic tire size)	6.00-16*
Rear wheels (pneumatic tire size)	13-30*
Tread - front	46-3/4 in.
Tread - rear	55 in.
Wheelbase	76 in.

* Other pneumatic tire sizes available; also steel wheels.

General Dimensions

Length overall	125 in.
Width overall - (to outside edge of rear tires)	69-3/4 in.
Height overall (to top of air cleaner)	70 in.
Clearance under front axle	15-1/4 in.
Drawbar - vertical adjustment above ground	13-1/8 in., 17-7/8 in., 22-1/2 in.
Drawbar - lateral adjustment	9-1/8 in. on each side of center hole
Turning radius (without brake applied)	12-3/4 ft.

DESCRIPTION

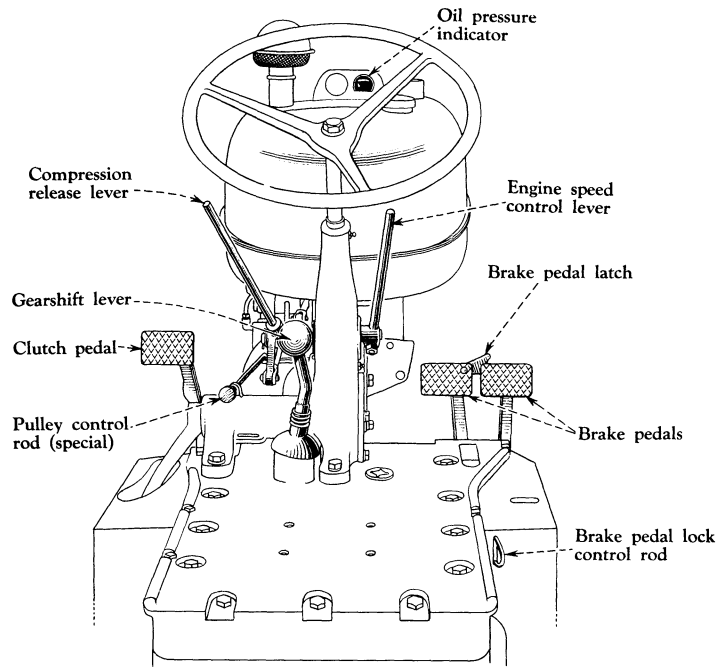


A-25719

Model WD-6 Tractor.
(Belt Pulley, Power Take-Off, Exhaust Muffler, and
Electric Starting and Lighting are Special Equipment.)

DESCRIPTION

INSTRUMENTS AND CONTROLS



A-6528A

Illust. 1
Instruments and controls.

Engine Speed Control Lever

The engine speed control lever controls the speed of the engine and when set in a given position, maintains a uniform engine speed under variable loads.

Radiator Shutter Control

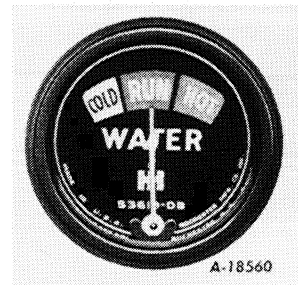
The radiator shutter is not regular equipment on Diesel Tractors.

The control crank opens and closes the radiator shutter, controlling the engine temperature. Turn the crank counterclockwise to close the shutter and clockwise to open it. In cold weather close the shutter when starting the engine and adjust it as required to hold the needle of the heat indicator in the center of the "run" range for best engine performance.

Oil Pressure Indicator

The oil pressure indicator shows whether oil is circulating through the engine. The indicator needle should be in the white area (see Illust. 7) when the engine is operating. If the indicator is not in the white area, stop the engine immediately and investigate the cause of the oil pressure failure. If unable to find the cause, consult your International Harvester dealer before operating the engine.

Heat Indicator



A-18560

Illust. 2

Heat indicator showing the needle in correct operating position.

This instrument (located on the engine hood) indicates the temperature of the liquid in the cooling system. The needle of the heat indicator should be in the center of the "run" range for best engine performance.

Clutch Pedal

The clutch pedal is used to disengage the engine from the transmission. Push the pedal all the way down to disengage the engine clutch.

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