

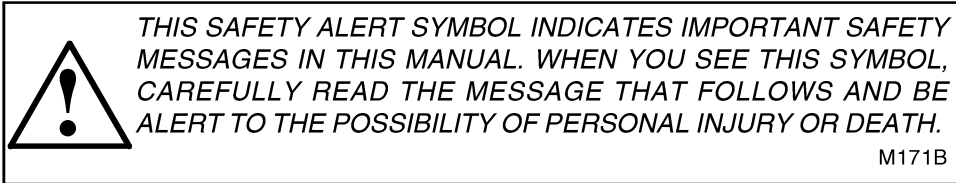
**McCormick
Super W-6
Tractor**

Operator's Manual

1004277R2

Reprinted




CASE III



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.

Operator's Manual



McCORMICK Super W-6 Tractor

INTERNATIONAL HARVESTER COMPANY

180 North Michigan Ave.

Chicago 1, Illinois, U. S. A.

TO THE OWNER

By selecting an International Harvester tractor as your new power partner, you have purchased a product of one of the world's foremost manufacturers of farm equipment. 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 in the field have been combined with advancements in engineering and metallurgical science to produce all the features and refinements built into your tractor. The liberal use of precision-type bearings, the heavy-duty crankshaft, force-feed lubrication, dependable ignition, extra-large flywheel and the efficient air, oil and fuel cleaners are some of the features that give your tractor its eager power to do all your power jobs with thoroughness, speed and economy. 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.

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.

All illustrations and descriptive matter in this publication apply to International Harvester products sold under the McCormick, McCormick-International, McCormick-Deering, or McCormick-Deering International trade name.

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INTRODUCTION

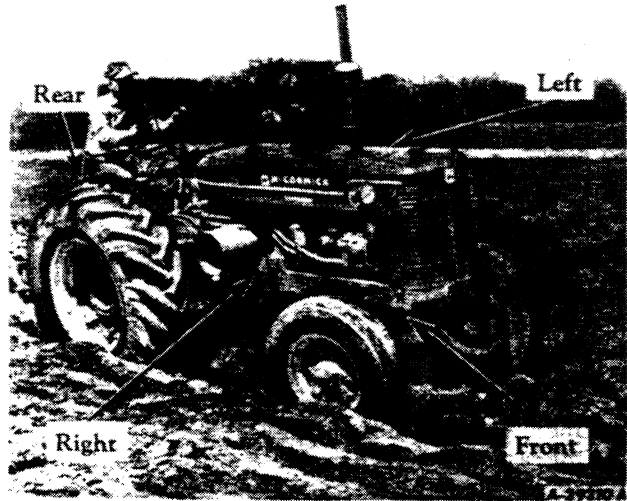
Assembled in this book are operating and maintenance instructions for the Super W-6. This material has been prepared in detail in the hope that it will help you to better understand the correct care and efficient operation of your tractor.

If you should need information not given in this manual, or 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, and REAR the drawbar end of the tractor. See *Illust. 2*.

The illustrations in this manual are numbered to correspond with the pages on which they appear; for example; *Illusts. 6, 6A and 6B are on page 6*.

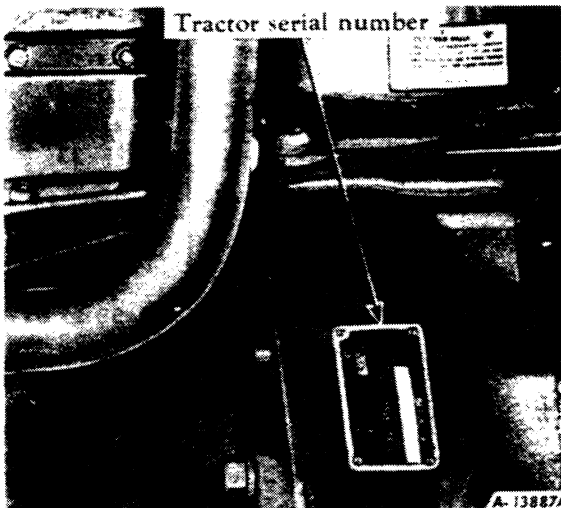
When in need of parts, always specify the tractor and engine serial numbers. The tractor serial number is stamped on a name plate attached on the left side of the clutch



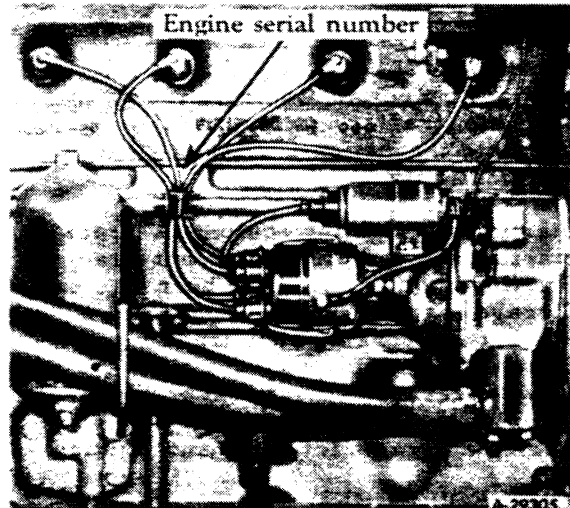
Illust. 2

housing. See *Illust. 2A*. The serial number is preceded by the prefix SW-6. The engine serial number is stamped on the right side of the engine crankcase above the crankcase breather. See *Illust. 2B*. This serial number is preceded by the prefix C-264, which indicates that it is a carbureted engine with a 264-cubic-inch piston displacement.

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

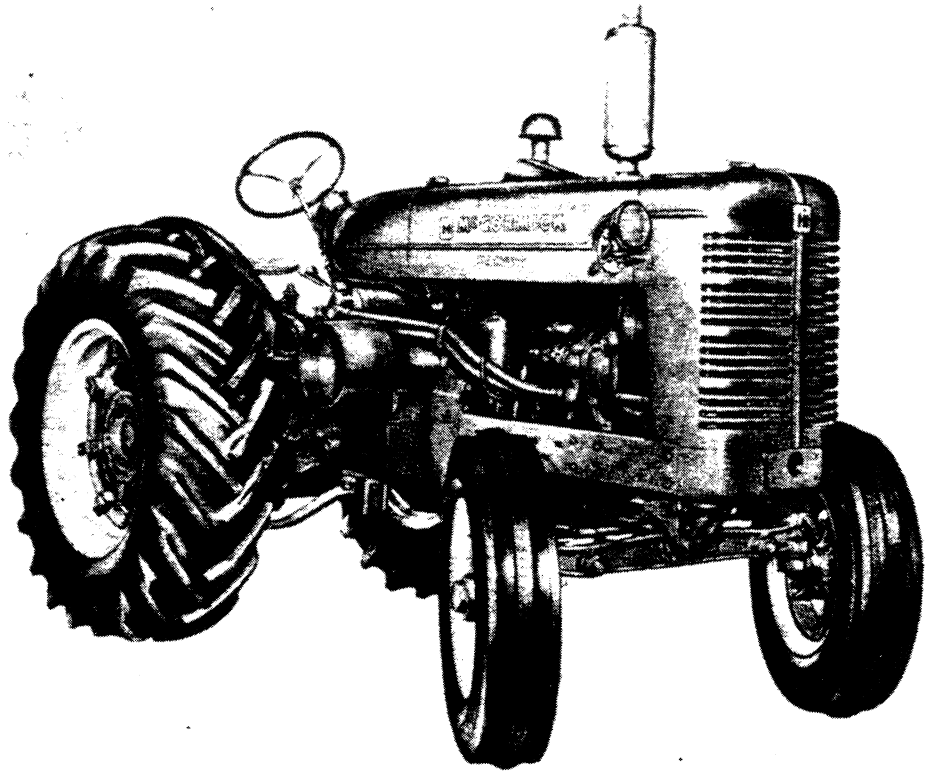


Illust. 2A
Location of tractor serial number.

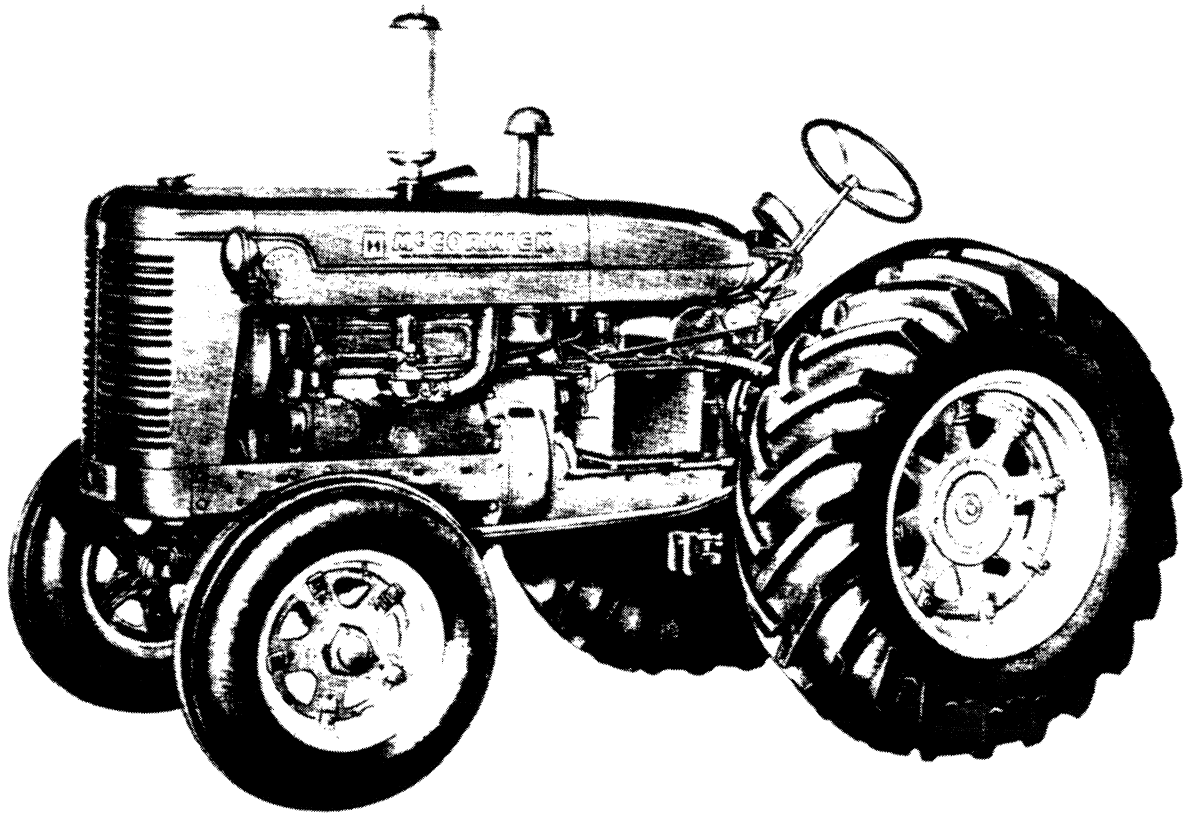


Illust. 2B
Location of engine serial number.

DESCRIPTION



Illust. 3 - Right front view.



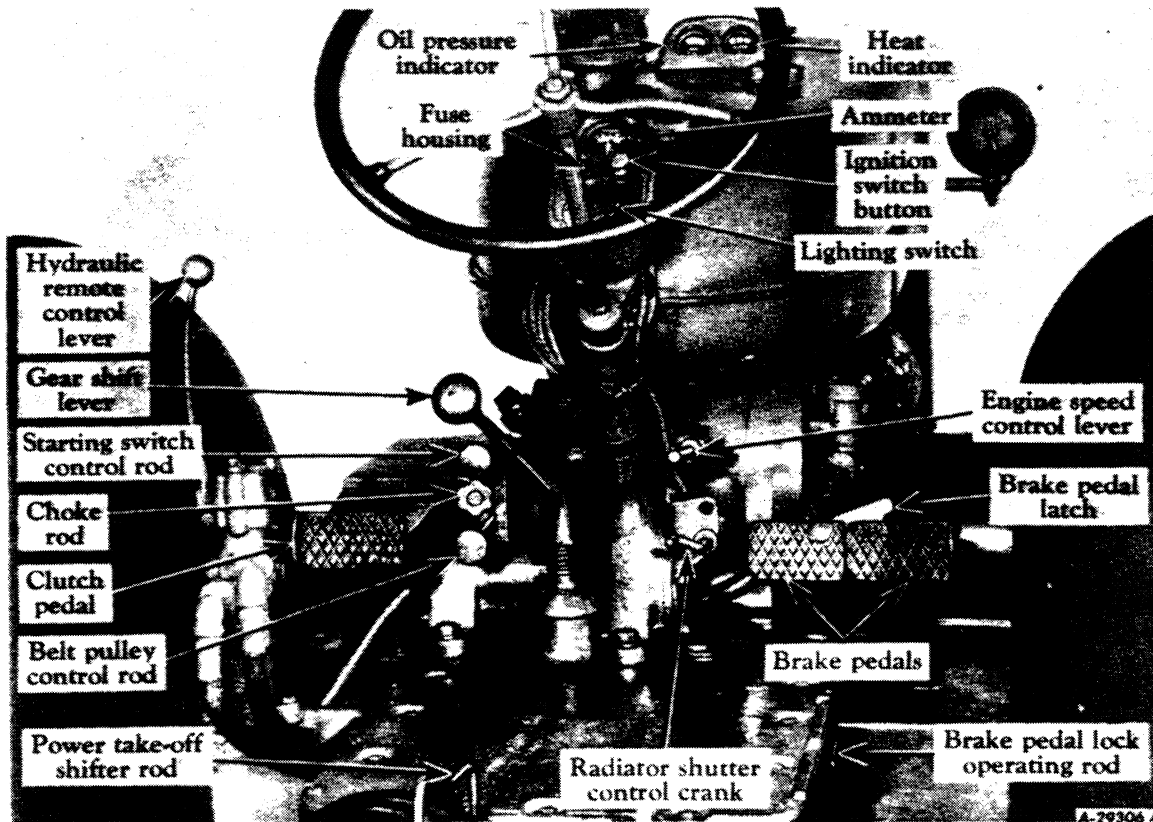
Illust. 3A - Left front view.

A-29360-A

DESCRIPTION

INSTRUMENTS AND CONTROLS

A variety of special equipment is available for use with the Super W-6. The instructions for operating and maintaining the special equipment have been included in the instructions for operating and maintaining the tractor. Disregard the instructions for special equipment not on your tractor.



Illust. 4
Location of instruments and controls.

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 hold the tractor in a stationary position, latch the pedals together, depress and lock them in this depressed position by pulling out the brake pedal lock control rod.

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 (Illusts. 4 and 17) 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 high gear (5th speed). To latch the pedals together, engage the latch (located in back of left pedal, Illust. 4) in the slot in back of the right pedal. When brake pedals are not latched together, the latch should rest in the slot in back of the left brake pedal.

DESCRIPTION

The brake pedal lock (*Illusts. 4 and 17*) is used to lock the brake pedals in the depressed position which prevents the tractor from moving.

Clutch Pedal

This pedal, when depressed all the way, disengages the engine from the transmission.

Choke Rod

The choke rod makes it possible to regulate the carburetor choke from the driver's seat. Pulling out on the choke rod closes the carburetor choke for starting the engine; pushing it back in opens the choke.

Engine Speed Control Lever

This lever controls the speed of the engine and, when set in a given position, will maintain a uniform engine speed even though the engine load may vary.

The rated or maximum full load governed speed is 1,450 r.p.m.; maximum idle speed is approximately 1,600 r.p.m.; minimum idle speed (hand throttle) is 400 to 450 r.p.m. with the engine speed control lever fully retarded. Never operate the engine at more than the regular governed speed. Excessive speeds are harmful.

The governor is set at the factory and should require no adjustment. Consult your International Harvester dealer if the governor does not function properly.

Ignition Switch Button

This button closes and opens the electrical circuit for operating and stopping the engine. Pull the button out for operating and push it in to stop the engine.

CAUTION: On tractors with battery ignition, when the engine is not operating or the engine has stalled and the operator leaves the tractor, the ignition switch button must be pushed all the way in, so that the switch is in the "OFF" position, to prevent battery discharge.

Starting Switch Control Rod

To start the engine, adjust the choke rod and pull out on the starting switch control rod as explained on *page 11*.

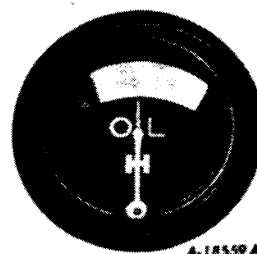
Lighting Switch

The switch has three positions; "O" - off position; "D" - dim lights; and "B" - bright lights.

Ammeter

This instrument indicates the charging rate of the generator or the discharge rate of the battery. If it shows discharge continuously, investigate the cause to avoid completely discharging the battery and possible damage to the generator. Refer to *pages 49 to 61* for additional information on electrical equipment.

Oil Pressure Indicator



Illust. 5
Oil pressure indicator, showing needle in correct operating position.

This indicator (*Illusts. 4 and 5*) shows whether lubricating oil is circulating through the engine. The indicator needle should register in the white area when the engine is running at speeds approximately 100 r.p.m. above slow idle speeds (*Illust. 5*). If it is not in the white area, stop the engine immediately and investigate the cause of the oil pressure failure. If you are unable to find the cause, be sure to consult your International Harvester dealer before operating the engine.

Radiator Shutter Control Crank

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 the shutter.

NOTE: Tractors with gasoline engines are not regularly equipped with this feature.

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