

**600 Series
Diesel Tractors**
Operators Manual

6245



Reprinted



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.

NOTICE!

At the time your Case Dealer delivers your new tractor, he will acquaint you with its operation and maintenance as outlined in the "Dealer's Delivery Service Report". When your Dealer has completed these instructions, he will ask you to sign the report and will then hand you the yellow copy for your records.

NOTE: The "Dealer's Delivery Service Report" also contains a record of the Pre-Delivery Checkup which your Dealer made on your tractor.

AFTER DELIVERY CHECKUP

The Authorized Case Dealer from whom you purchased your new tractor will perform the "After Delivery Checkup" outlined on the following page, if you will arrange to bring your tractor to his Service Shop within - - -

60 days after date of delivery or 200 hours of operation (whichever occurs first).

NOTE: The only charge your dealer will make for this inspection will be for oil, filters or other accessories.

AFTER DELIVERY CHECKUP (Diesel)

(Owner's Name)	(Date Checkup Performed)
(Owner's Address)	
(Dealership)	(Town)
Tractor has been operated _____ hours	
(Tractor Model and Serial Number)	

Dealer's Copy—Tear Here

- | | |
|---|---|
| <input type="checkbox"/> Check traction clutch.
<input type="checkbox"/> Check PTO clutch.
<input type="checkbox"/> Check brakes.
<input type="checkbox"/> Operate hydraulic system.
<input type="checkbox"/> Check tire pressure.
<input type="checkbox"/> Tighten cylinder heads and adjust tappets.
<input type="checkbox"/> Check fuel injection pump timing.
<input type="checkbox"/> Fuel filtering system.
<input type="checkbox"/> Check no load full governed engine speed.
<input type="checkbox"/> Tighten all bolts.
<input type="checkbox"/> Cooling system. | <input type="checkbox"/> Crankcase oil (Change oil and filter if necessary).
<input type="checkbox"/> Oil Level in transmission, hydraulic system.
<input type="checkbox"/> Oil Level in power steering system (Extra Equip.)
<input type="checkbox"/> Lubricate all pressure fittings and oil cups.
<input type="checkbox"/> Check air cleaner.
<input type="checkbox"/> Check steering, bearing adjustment and front wheel toe-in.
<input type="checkbox"/> Batteries, starter, generator and lights.
<input type="checkbox"/> Check operation of all instruments. |
|---|---|

DEALER: Question purchaser carefully concerning his experience with tractor and answer any questions concerning maintenance or operation that are not clear to him.

Checkup _____
Performed by

Signed _____
Dealer

Original—Dealer
Duplicate—Leave in Operators Manual for Purchaser

Signed _____
Customer

AFTER DELIVERY CHECKUP (Diesel)

(Owner's Name)	(Date Checkup Performed)
(Owner's Address)	
(Dealership)	(Town)
Tractor has been operated _____ hours	
(Tractor Model and Serial Number)	

- | | |
|---|---|
| <input type="checkbox"/> Check traction clutch.
<input type="checkbox"/> Check PTO clutch.
<input type="checkbox"/> Check brakes.
<input type="checkbox"/> Operate hydraulic system.
<input type="checkbox"/> Check tire pressure.
<input type="checkbox"/> Tighten cylinder heads and adjust tappets.
<input type="checkbox"/> Check fuel injection pump timing.
<input type="checkbox"/> Fuel filtering system.
<input type="checkbox"/> Check no load full governed engine speed.
<input type="checkbox"/> Tighten all bolts.
<input type="checkbox"/> Cooling system. | <input type="checkbox"/> Crankcase oil (Change oil and filter if necessary).
<input type="checkbox"/> Oil Level in transmission, hydraulic system.
<input type="checkbox"/> Oil Level in power steering system (Extra Equip.)
<input type="checkbox"/> Lubricate all pressure fittings and oil cups.
<input type="checkbox"/> Check air cleaner.
<input type="checkbox"/> Check steering, bearing adjustment and front wheel toe-in.
<input type="checkbox"/> Batteries, starter, generator and lights.
<input type="checkbox"/> Check operation of all instruments. |
|---|---|

DEALER: Question purchaser carefully concerning his experience with tractor and answer any questions concerning maintenance or operation that are not clear to him.

Checkup _____
Performed by

Signed _____
Dealer

Original—Dealer
Duplicate—Leave in Operators Manual for Purchaser

Signed _____
Customer

TO PURCHASERS OF CASE DIESEL TRACTORS

Congratulations on your purchase of a Case Diesel Tractor and welcome to the ever-increasing number of satisfied Case Owners.

The dependability and economical performance of your new Case Tractor will prove that you were wise in making this choice.

The organization back of your tractor has been building quality farm equipment for more than a century. Your Case Diesel Tractor was built in one of the largest and best equipped plants in the world. In this factory quality materials, precision machinery, high grade workmanship, thorough inspection, and complete testing equipment are combined to give you the best in performance and economical operation.

The care which you give your tractor will have a great deal to do with the service and satisfaction you get from it. By observing the precautions and suggestions in this manual, your Case Tractor will serve you well for many years. Make this manual your guide. Should you need information not covered here, or should your tractor require special servicing, contact your Case Dealer. He has trained men who are kept informed on the best methods of servicing Case Farming Equipment in the field or in his shop.


 When it becomes necessary, after long use, to replace certain parts on your tractor, be sure to use only genuine Case Parts, which insure proper fit and continued good service. These may be obtained from your Case Dealer. It is always helpful to provide him with the Model and Serial Number of your tractor in addition to a description and part number, if available, of the parts required.

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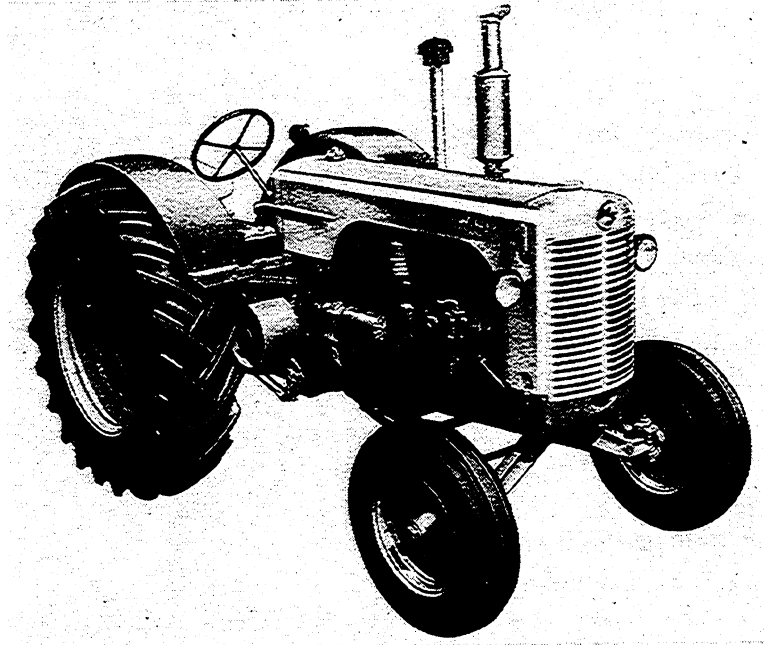


Figure 1. Right Hand Side Tractor Showing Fuel Injection Equipment

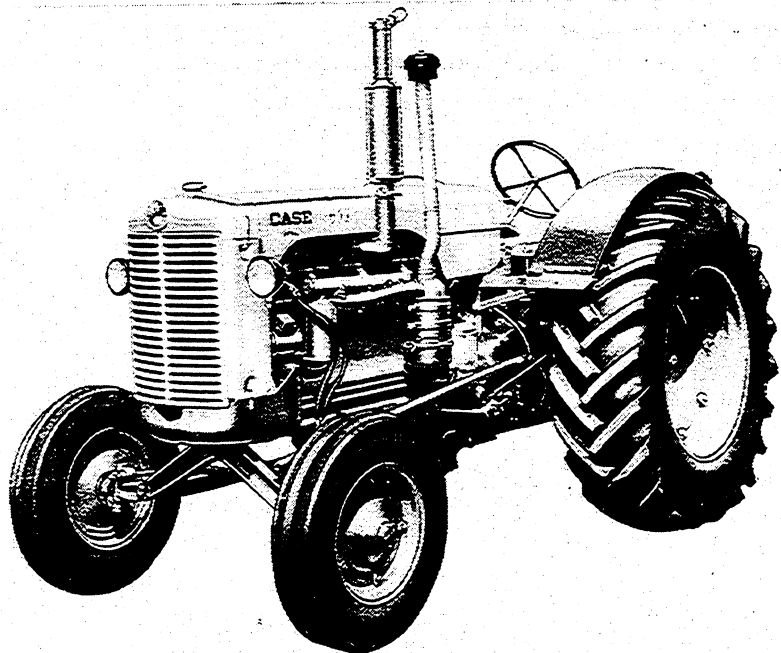


Figure 2. Left Hand Side of Tractor Showing Power Steering

INTRODUCTION

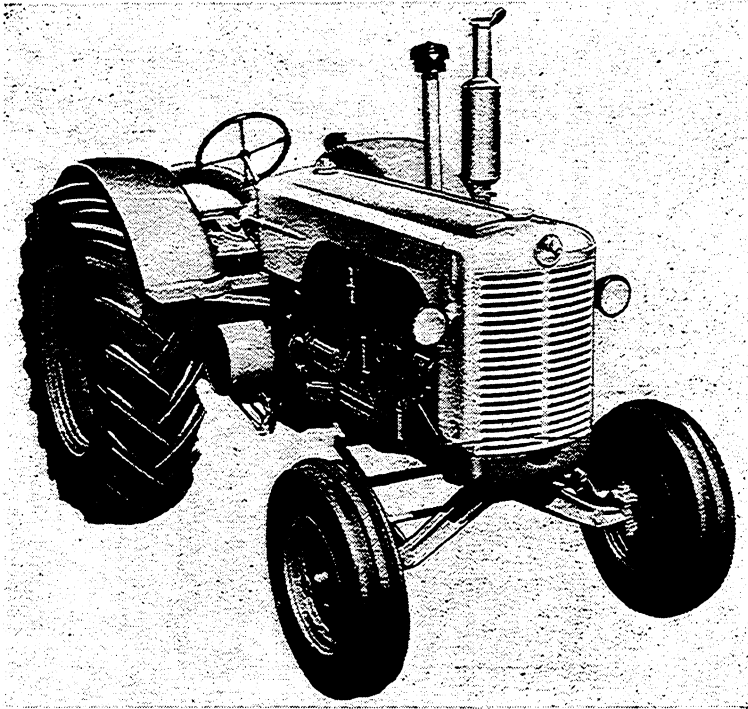


Figure 3.

The Case Model 600 Diesel Tractor is powered by a rugged six cylinder full diesel engine that is noted for its quiet operating characteristics and economy of operation.

The transmission, 6 Speeds forward and 1 reverse, provides a full range of working speeds to handle all implements and tools in any type or condition of soil. The high speed (6th) road gear brings your fields closer to the farm yard in terms of non productive time spent on the road.

Advanced engineering includes the CASE POWRCEL combustion system which produces all of the available power out of each charge of injected fuel. To protect the closely fitted precision parts, the finest filters available have been provided to clean the fuel, the intake air and the crankcase oil.

The four basic rules of Diesel Engine operation, which are the deciding factors in determining the service life and economy of operation that you will receive from your tractor, are as follows:

1. CLEAN FUEL

- (a) Use only Number 2 Diesel Fuel that meets the specifications listed in this manual.
- (b) Follow the instructions regarding the recommended precautions when handling and storing fuel.

2. AIR CLEANER

Service the air cleaner regularly.

3. CRANKCASE OIL

Diesel Engines require the use of a heavy duty engine oil. Select oil that meets the proper service designations recommended in the lubrication section of this manual.

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ebooklibonline@outlook.com