500B, 600B TractorsOperators Manual

9-482

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.

© 1995 Case Corporation

CASE and IH are registered trade marks of Case Corporation

To the Purchaser of a Case Tractor,

The care you give your new Case Tractor will greatly determine the satisfaction and service life you will obtain from it. Use this manual as your guide. By observing the instructons and suggestions in this manual, your Case Tractor will serve you well for many years.

As an Authorized Case Dealer, we stock Geninue Case Parts, which are manufactured with the same precision and skill as the original equipment. Our factory trained staff is kept well informed on the best methods of servicing Case equipment and is ready and able to help you.

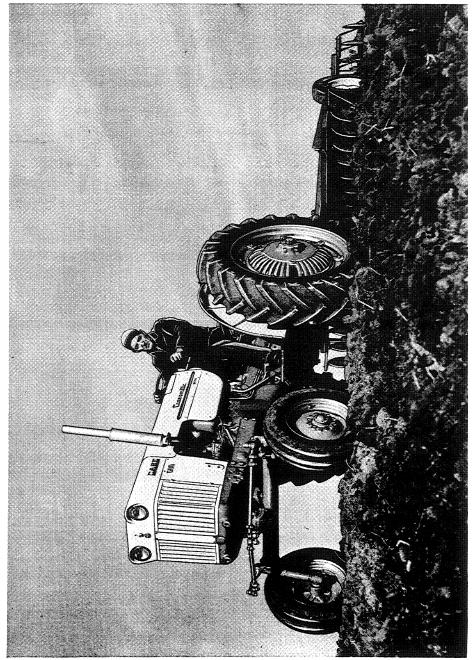
Should you require additional aid or information, contact us.

Your Authorized
CASE DEALER

To insure efficient and prompt service, please furnish us with the Model and Serial Number of your tractor and Serial Number of your engine, in all correspondence or contacts.

TABLE OF CONTENTS

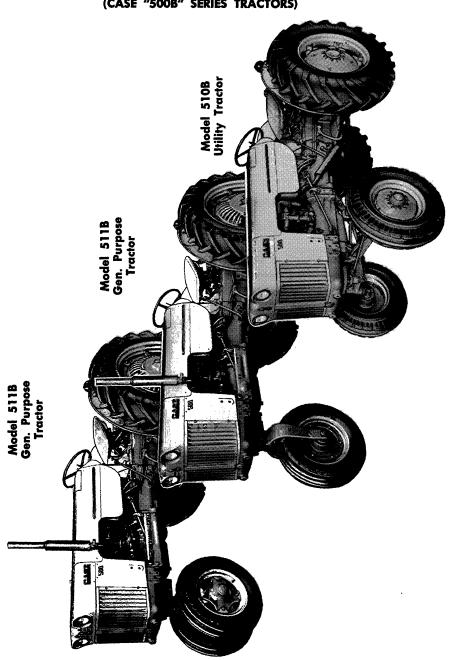
Serial Numbers	8
General Specifications	9-16
Lubrication	17-35
Pressure Fittings	20, 2
Engine Lubrication	20, 21 22-25
Transmission Lubrication	27-24
Steering Cear	27
Steering GearConverter Reservoir Oil Level	29
Converter Oil Filter	30
Hydraulic System	31, 33
Independant P. T. O.	34
Belt Pulley — Rear Mounted	
Power Steering	35
Operating Instructions Pre-Starting Check List	37-88
Operating Check List	38
Operating Controls and Instruments	40-45 46
Run-In ProcedureEngine Starting Procedure	47, 48
Stanning Fracing	4.7,40
Stopping EngineCold Weather Operation	49
Dual Panca Chuttle	59 59
Dual-Range Shuttle	54 54
Tripl-Range DriveOperating Case-O-Matic Drive	55-57
Differential Brakes	50-57 58
Independant P. T. O.	60
Constant-Running P. T. O.	61
Rear Wheel Spacing	64-67
Front Wheel Spacing	71-79
Eagle Hitch and Hydraulic System	74-77
Remote (Portable) Cylinder Attachment	78,79
Drawbar	81
Belt Pulley	82-85
Accessory Tractor Equipment	86-88
Important Checks During Operation	89,90
Service Suggestions	92-98
Preventive Maintenance	99-129
Cooling System	100-105
Fuel Storage	101
Fuel and Fuel System	107-111
Governor and Engine Speed	112
Valve Adjustment	118
Ignition and Electrical Equipment	115-124
Front Wheel Bearings	125-126
Differential Brakes	127
Flywheel Clutch	128
Adjusting P. T. O. Clutch	128, 129
Tractor Storage	130, 131
To Jan	100 100



MODEL 611B GENERAL PURPOSE TRACTOR

INTRODUCTION

(CASE "500B" SERIES TRACTORS)



INTRODUCTION

(CASE "500B" SERIES TRACTORS)

Here's just a few outstanding features of the Case "500B" Series Tractor;

- 1. "POWR-TORQ" ENGINE. A high-compression, heavy duty power plant with an extremely high torque. What's more it operates on regular grade gasoline. L. P. Gas engines are also available as optional equipment.
- 2. HEAVY-DUTY CLUTCH. New clutch design with 50% more "torque-carrying" capacity. Smooth, long-life operation.
- 3. SPEED CONTROL. "All-Speed" friction type hand throttle with finger tip, finger-ease control.
- CAM AND LEVER STEERING. Smooth-as-silk, shockproof steering for accurate, instant control of front wheels. Power steering attachment available for all models.
- 5. DIFFERENTIAL BRAKES. High-capacity 6-inch double-disk, velvet touch, brakes. Simple to adjust, a breeze to service. A "Lock-A-Matic" parking latch releases automatically when brakes are reapplied.
- 6. TWELVE-SPEED "TRIPL-RANGE" DRIVE (Optional). This remarkable power train provides forward speeds from 1.6 to 20.6 m.p.h. and reverse speeds from 1.9 to 5.1 m.p.h. (see page 54).
- 7. CONSTANT-RUNNING POWER TAKE-OFF (Optional). This is a "straight-line" power shaft from engine to rear shifter fork. In use, it allows the rear wheels to be stopped, while the P.T.O. shaft rotation remains at a normal 530 r.p.m.
- 8. DUAL-RANGE SHUTTLE (Extra). Provides (8) speeds forward and (8) speeds in reverse. Provides faster working cycles when using a front end loader since reverse speeds are 25% faster than forward, in any gear.
- 9. SNAP-LOCK EAGLE HITCH. Improved, enclosed, streamlined assembly with quick, simple implement attaching points. Handier than ever, more compact, more lifting power, greater ease of operation. And for your safety a built-in "hydraulic interlock" to prevent accidental "dropping" of mounted tools. Double control and remote cylinder system can easily be attached at any time.
- 10. INSTRUMENT PANEL. Automotive type cluster "Tel Easy" dial (indirectly lighted.) Provides instant engine operational data. The members of this "panel" have all the answers.
- 11. **KEY STARTING.** Combination ignition switch and removeable starting key.
- 12. CHOICE OF MODELS. A high clearance model for row-crop operation, available with interchangeable dual, single or adjustable front wheels. A low-silhouette utility model with a solid front axle.

Thank you so much for reading.

Please click the "Buy Now!"

button below to download the complete manual.



After you pay.

You can download the most perfect and complete manual in the world immediately.

Our support email: ebooklibonline@outlook.com