

Model C Tractor

Operators Manual

5220

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.

CASE MANUAL

Instructions for
Operation and Care of the
CASE
MODEL "C" TRACTOR



TO CASE OWNERS—

The more thorough knowledge the owner has of his Tractor the better will be the results, and the greater the profit from its use. It is the desire of the J. I. Case Co., that every machine should give the highest degree of service and every effort is made toward insuring this service in the design and manufacture of the Tractor. When it passes into the hands of the owner it passes largely beyond the control of the Company. This manual has been prepared with the purpose of giving the owner as much knowledge of the Tractor as possible. The owner and particularly the operator is urged to read and study this manual and to use good judgement in the use and care of his Machine and satisfactory service will follow.

CASE CO.
Racine - Wisconsin - U. S. A.

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IN
U.S.A.

Eleventh Edition

« SPECIAL SAFETY INSTRUCTIONS »

1. Do Not Operate New Tractor On Full Load.

No fine piece of machinery should ever be loaded to full capacity until it has been run light for a reasonable length of time. **FOR FIRST 50 HOURS this tractor should be RUN AT HALF LOAD OR LESS BEFORE IT IS PUT ON FULL LOAD.**

2. Never get off or on tractor while it is motion.

3. When the power take-off shaft is used, be absolutely sure that large guard furnished is in place. If an attempt is made to operate power take-off without guard, operator may be injured by his clothing being caught by the universal joint or the revolving shaft.

NOTE: It is equally important for the safety of the operator to have a suitable guard on the driven machine, which will prevent his clothing being caught by the rear universal joint or the revolving shaft.

4. When cranking an engine the handle of the crank should be pulled upward with the left hand so the operator's hand will be in a position to avoid being struck by the starting crank if there is a reversal of the direction of the engine from any cause whatsoever.

5. When starting any tractor do not engage the clutch quickly. Always engage clutch gradually so the engine will pick up the load slowly. This is particularly necessary when the tractor is going up a steep hill, climbing out of ditches or when hitched to some heavy or difficult load. Never hitch a tractor to a stump or other object by means of a long chain or rope with slack so that when the tractor moves forward it will jerk into the load.

6. When working on steep side hills, any tractor may tip over sideways, especially when the wheel on the lower side strikes a hollow, hole or ditch. The center of gravity on Case tractors is low and they are especially stable but when operating under unusual conditions they must be operated with reasonable care.

7. It is always advisable to reduce the speed of the tractor when turning.

8. When going up a steep hill or climbing out of a ditch or gully, any tractor is liable to raise its front wheels off the ground, if the full power is suddenly applied or by quickly engaging the clutch. Under such conditions the momentum of the flywheel adds to the power of the engine, and to avoid possibility of danger under these conditions the operator should keep his hand on the clutch lever, (or foot on the clutch pedal if foot clutch is used) engaging the power of the engine slowly and be prepared at all times to disengage the clutch promptly should the front wheels raise off the ground. The same precautions must be taken if the tractor becomes mired down by being driven into a soft bog a mud hole or ditch.

9. Read Instruction Book Carefully.

The paragraphs of the following printed instructions are numbered in the order that the different operations should be done. Numbers on the illustrations correspond with the paragraph numbers and in many cases the parts referred to in the instructions are shaded or emphasized on the illustration so that the directions can be easily followed.

10. Ordering Parts.

When ordering parts be sure to give Serial Number and Model of tractor and name and number of Part Ordered.

« « CONTENTS » »

	Fig. No.	Page No
Air Cleaner.....	12	25-26
Air Vent Holes.....	3	5-6
Bearings, Taking Play out of.....	19	35
Bevel Gears, Adjusting.....	33	50 51
Belt Pulley Shaft.....	32	50-52
Brake, Independent, "CO" and "CV" only.....	39	59
Brake, Pulley.....	15	29
Brake, Hand.....	27	45
Carburetor.....	10	21-22
Choke.....	3	6-12
Clutch.....	28-29	46-47
Crankcase Breather.....	8	18
Crankcase Filling.....	6	7, 14, 15
Cranking Engine.....	3	6, 9, 10
Cylinder Barrels, Replacing.....	18	33-34
Differential Shaft.....	35	53
Drag Link.....	21	37
Drive Chains.....	36	54
Engine, Starting.....		9-10
Fan.....	14	27-28
Fuel Strainer.....	3	6, 7, 8
Front Wheel Bearings.....	22	38
Gears, Shifting.....	5	11
Governor.....	13	26
Hitch and Power Take-off.....	37-38	55 to 58
Ignition.....		20-21
King Pins.....	21	37
Lubrication.....	6	7, 14 to 20
Lugs.....	1	4, 65
Main Bearings.....		36
Manifold Damper Lever.....	4	9, 10, 12, 13
Oil, Crankcase.....	6	7, 14, 15
Oil, Transmission.....	6	19
Piston Pins.....		36
Pulley, Belt.....	15	29
Power Take-Off.....	37-38	55 to 58
Radiator Curtain.....	11	23
Radiator Screen.....	11	23
Radiator, Winter Operation, Anti-Freeze Solution.....		23-24
Rear Axle Bearing Adjustments.....	23 to 26	39 to 45
Removing Oil Pan.....	7	16 17
Rubber Tires.....		60
Service Suggestions.....		62-63-64
Skid Rings.....		5, 65
Sliding Gear Shaft.....	34	51-52
Spark Plugs.....	9	8, 20, 21
Special Lug and Tire Equipment.....		60, 65
Speeds.....		11
Speeds, Transmission.....	5	11
Steering Gear.....	20	36
Tractor, Splitting.....	30-31	47-48-49
Valve Adjustment.....	16	30
Valve Reconditioning.....	17	31-32
Valve Rockers, Oiling.....		18
Valves, Timing.....		30
Water Pump.....	14	27-28
Water in Crank Case - Winter Operation.....		15, 24
Wheel Weights.....		60-61

PREPARING A NEW TRACTOR FOR USE

NOTE: The paragraphs of the following instructions are numbered and in many cases the paragraph numbers correspond with numbers on the illustrations and also the parts referred to in the instructions are shaded or emphasized on the illustrations so that the directions can be easily followed.

It is the desire of the J. I. Case Co. that every tractor should be delivered not only mechanically perfect but as clean in appearance as the day it was shipped from the factory. When possible, box-cars will be used in making shipments and at times this requires the removal of some parts from the tractor to save space in loading. Put these parts on fastening securely, using lock washers on all bolts.

Lugs.

Fig. 1. Forty-eight steel spade lugs 4" high as shown at A, Fig. 1 are regularly furnished. These lugs meet all usual conditions.

NOTE: In some soil conditions better traction may be gained with a combination of 20 lugs per wheel.

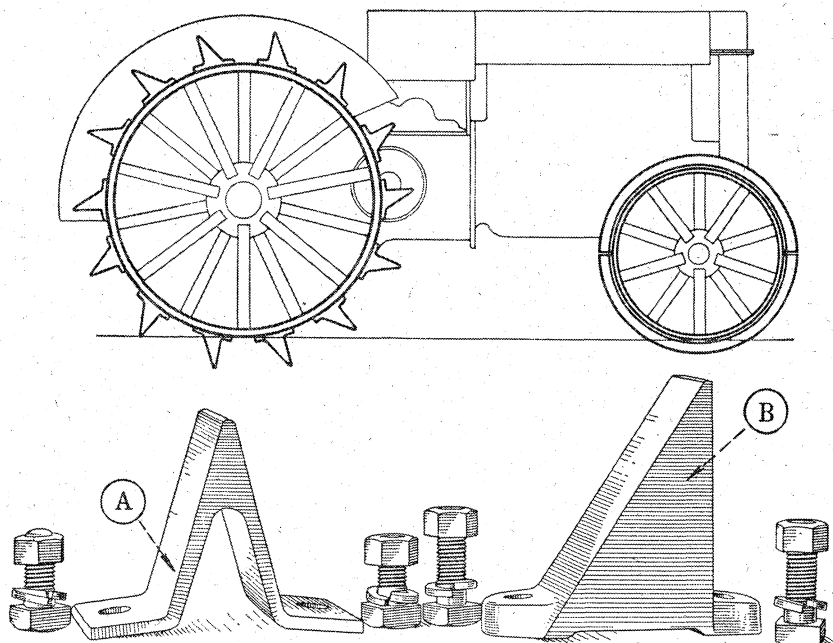


Fig. 1. Spade Lug Equipment

If the soil is of a light sandy character and the tractor is loaded near capacity, it is desirable to use special equipment consisting of cast sand lugs 5 $\frac{3}{4}$ " high which are illustrated at B, Fig. 1. These lugs are also good when a tractor is pulling disk harrows or seeding machines on plowed ground. **Note that the slanting face of lugs is toward the rear when lugs are in contact with ground.**

Use lock washers on bolts attaching lugs to the wheels and tighten all lug bolts again after a few hours use. See page 65 for other lug equipment.

Slippage of drive wheels may occur even when the correct lugs are used. Soil that is wet or soggy should not be worked until it dries out on top. Slippage in starting a load can often be prevented by care in operating clutch and throttle. The use of wheel scrapers will eliminate slippage under some conditions.

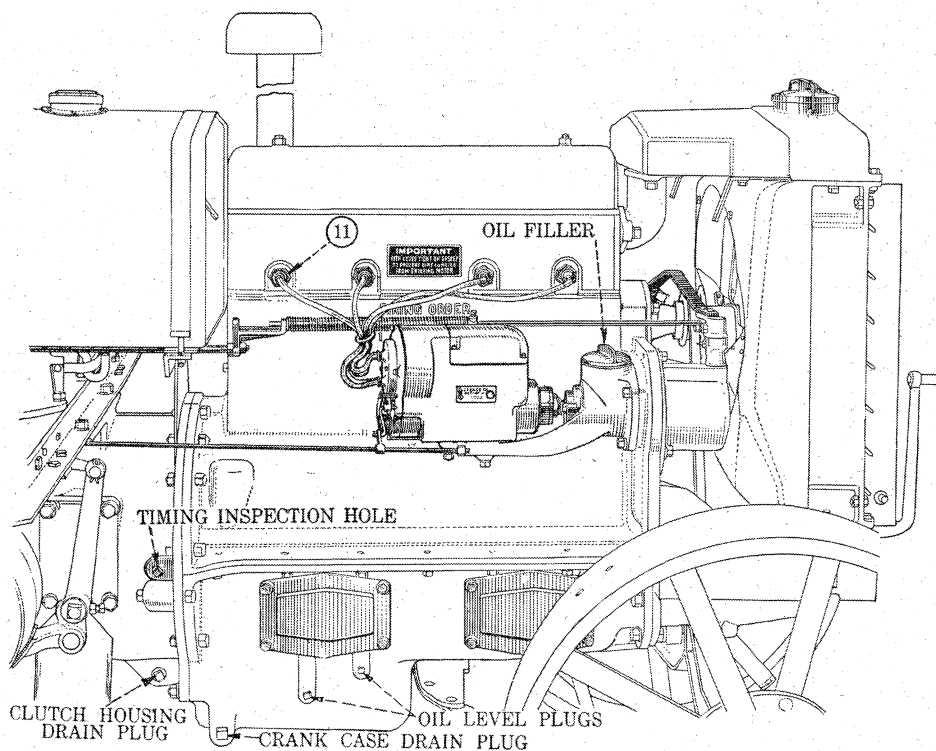


Fig. 2. R. H. Side of Case Model C Tractor

These tractors are so powerful that slippage may occur because of overload and sometimes can be eliminated by running at a higher speed with less load.

Extension Rims.

The regular spade lugs will do splendid work on plowed ground for discing or seeding when extension rims are used. Best results are obtained by using a lug in every other space on the outer row on the wheel and on the extension rim. The full number of lugs are used on the inner row on the wheel. This arrangement allows greater space between the lugs and prevents clogging.

Refer to page 65 for a list of special lugs and rim equipment.

Skid Rings.

1. It is important that the skid rings for the front wheels be put on with the vertical flange of skid ring toward the inside of the wheel.

Inspection.

2. Inspect tractor carefully to make sure that nothing has become loose, or has been broken or damaged in shipment. Remove cinders, dirt or paint from moving parts where it might cause parts to bind.
3. Fig. 3. Make sure that air vent holes in caps of fuel tanks are open.
4. Work the clutch lever to see that clutch does not stick and that pulley brake shoe does not bind on belt pulley and that both engage properly when operated. For detailed instructions, see Figs. 15, 28 and 29.

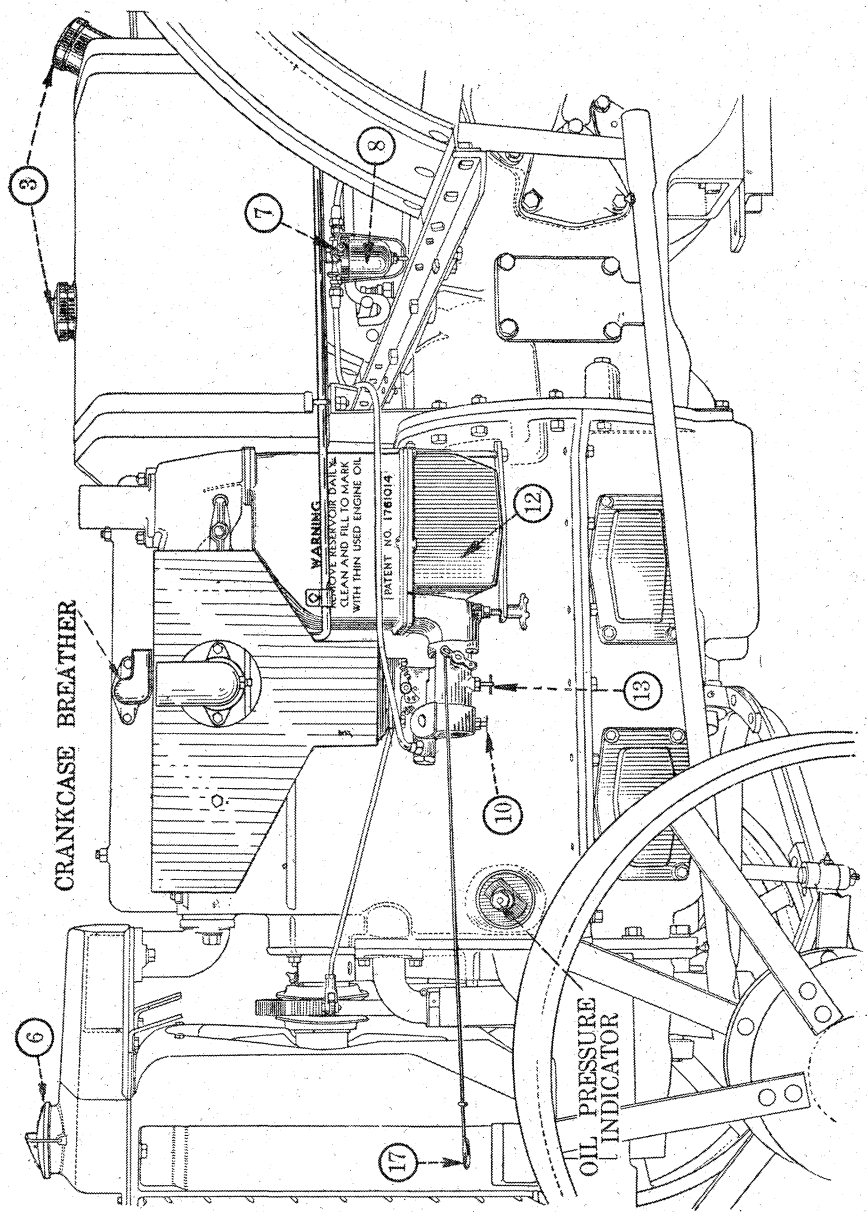


Fig. 3. L. H. Side of Case Model C Tractor

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