

1194 Tractor Operators Manual

9-9732

Reprinted

CASE III






THIS SAFETY ALERT SYMBOL INDICATES IMPORTANT SAFETY MESSAGES IN THIS MANUAL. WHEN YOU SEE THIS SYMBOL, CAREFULLY READ THE MESSAGE THAT FOLLOWS AND BE ALERT TO THE POSSIBILITY OF PERSONAL INJURY OR DEATH.

M171B

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 an potentially hazardous situation which if not avoided, will result in serious injury. The color associated with Warning is ORANGE.
- **CAUTION:** Indicates an 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.

TABLE OF CONTENTS

TO THE OWNER	III	OPERATING INSTRUCTIONS	33
SAFETY.....	V-XIV	Run-In Procedure	33
Safety Rules.....	V	Before Starting the Engine	34
Before Starting	V	Towing	35
Operation.....	VII	How to Transport the Tractor.....	35
HAND SIGNALS.....	XX-XXI	Operating Instruments	36-39
DECALS	XXII- XXVI	OPERATING CONTROLS WITHOUT	
SERIAL NUMBERS.....	1	CAB.....	40-49
DIESEL ENGINE SPECIFICATIONS		Instrument Panel	40-43
.....	2,3	Pedals	44,45
GENERAL SPECIFICATIONS	4-8	Control Levers.....	46-49
APPROXIMATE TRACTOR SPEEDS		OPERATING CONTROLS WITH	
12 Speed Transmission	9,10	CAB.....	50-66
FUEL SPECIFICATIONS.....	11	Instrument Panel	50-53
APPROXIMATE OVER ALL		Pedals	54,55
MEASUREMENTS.....	12,13	Control Levers.....	56-61
APPROXIMATE TRANSPORT		Cab.....	62-66
WEIGHT.....	12,13	Operators Seat.....	67,68
TIRE AND WHEEL EQUIPMENT.....	14-19	Seat Belts	69
FRONT WHEEL TREAD		Amber Warning Lamps, Direction	
POSITIONS.....	17	Turn Signals & SMV	
REAR WHEEL TREAD		Implement Warning Lamps,	
POSITIONS.....	18,19	SMV Symbol	70
TREAD POSITIONS-POWER		Auxiliary Outlet Socket	73,74
ADJUST REAR WHEELS.....	19	Operating the Engine.....	75
LUBRICATION.....	20	Starting Procedure.....	76-78
Engine Hourmeter.....	20	Stopping the Engine.....	79
Diesel Engine	21	Cold Temperature Operation	80
Lubrication Chart.....	22	OPERATING THE TRANSMISSION	
Oil Specifications.....	23a	81-84
Grease Fittings.....	23,24	OPERATING INSTRUCTIONS	
Engine Oil Change	25	Power Takeoff	85
Engine Oil Filter.....	26	Operating Safety.....	86
Transmission Oil Level		Drawbar	87
Check & Change	27	Pick-Up Hitch	88,89
Hydraulic Oil Filters.....	28-31	Three Point Hitch System	90
HYDROSTATIC POWER STEERING.....	32	Hitch Category I.....	90
		Hitch Dual Category.....	91,92
		Mechanical Flotation	93
		Stabilizer Bars.....	94
		Draft Control	95
		Position Control	96
		Hitch Control.....	97,98
		Remote Valves.....	99,100
		Remote Hydraulic Control	101-103
		Front Axle Adjustment.....	106
		Rear Wheel Adjustment.....	107

Tractor Ballast.....	108-112
Ballast.....	108
Front Ballast Weights.....	109
Rear Wheel Weights.....	110
Tire Liquid Weight.....	111
Measuring Wheel Slip.....	112
PREVENTATIVE MAINTENANCE.....	113
Raising Engine Cover.....	115
Removing Front Panel.....	116
Removing Side Panels.....	117
REGULAR MAINTENANCE.....	118
Daily Inspection.....	119
50 Hour Service.....	120-125
100 Hour Service.....	126
200 Hour Service.....	127
400 Hour Service.....	128-134
800 Hour Service.....	135-138
ELECTRICAL SYSTEM.....	139-147
Fuses.....	139
Head Lamps.....	140,141
Side and Rear Lamps.....	142
Instrument Cluster Lamps.....	143
Battery.....	144
Access to Battery.....	145
Auxiliary Battery.....	146
Alternator Charging Systems.....	147
ROLLOVER PROTECTIVE STRUCTURE (ROPS).....	148-151
PATENT NUMBERS.....	152
CASE TECHNICAL MANUALS.....	153

TO THE OWNER OF A CASE TRACTOR

Use this manual as your guide. If you follow the instructions given in this manual, your Case Tractor will work well for many years.

Your Authorized Case Dealer can give you assistance with J I Case Company made parts and persons with special training that know the best methods of repair and maintenance for your tractor.

Call your Authorized Case Dealer if you need any assistance or information.

Your Authorized Case Dealer



Figure 1

1194 TRACTOR WITHOUT CAB

NOTE: *When you are in the tractor seat looking forward, the right-hand and left-hand of the tractor are the same as your right-hand and left-hand.*



Figure 2
1194 TRACTOR WITH CAB

SAFETY

Safety Rules

Understand that your safety and the safety of other persons is measured by how you service, and operate this machine. Know the positions and operations of all controls before you try to operate. **MAKE SURE YOU CHECK ALL CONTROLS IN A SAFE AREA BEFORE STARTING YOUR WORK.**

READ THIS MANUAL COMPLETELY and make sure you understand the controls. All equipment has a limit. Make sure you understand the speed, brakes, steering, stability, and load characteristics of this machine before you start to operate.

The safety information given in this manual does not replace safety codes, insurance needs, federal, state and local laws. Make sure your machine has the correct equipment needed by the local laws and regulations.

J I Case is continuing to work for your safety by making tractors with better protection and by giving these rules for safe operation.

Before Starting



CAUTION: *To help prevent personal injuries during tractor operation and maintenance, use safety shoes, a hard hat, safety glasses or goggles and good fitting clothing.*



CAUTION: *Provide a first aid kit for use in case of accident.*



CAUTION: *It is good practice to carry a fire extinguisher on the tractor. Be sure that the extinguisher is properly maintained and be familiar with its proper use.*

WARNING: Before starting engine study Operators Manual safety messages.

Read all safety signs on machine.

Clear the area of other persons.



Learn and practice safe use of controls before operating.

It is your responsibility to understand and follow manufacturers instructions on machine operation, service, and to observe pertinent laws and regulations.

Operator and Service Manuals may be obtained from your equipment dealer.



CAUTION: Check the machine for leaks or any parts that are broken, not working correctly, or not there at all. Before you start the machine, tighten all caps, dipsticks, battery covers, etc.



WARNING: To help prevent injury before starting engine, put shields in place. Sit in the seat and place controls in neutral.

Before operating tractor, clear people away, no riders and fasten seat belt. When operating tractor, keep away from power driven parts, avoid steep slopes, embankments, ditches, rough terrain and reduce speed when turning.

In high speed travel, couple the brake pedals together where applicable. On road travel, use flashing warning lights where permitted and keep SMV emblem visible from rear.

When stopped, engage park lock or brake, lower implement to ground and stop engine before dismounting to service or clear machines.



WARNING: Before starting the engine, be sure all operating controls are in neutral. This will ease starting loads on the starter and batteries and will eliminate the accidental start up of PTO driven equipment.

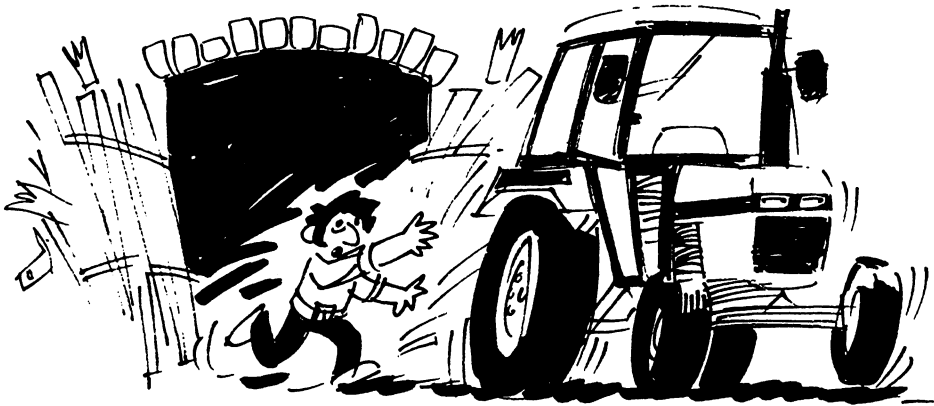
Operation

WARNING: Engine can start with transmission in gear when neutral safety switch is by-passed:

1. Do not connect across terminals on starter.
2. Attach booster batteries according to safe method in Operators Manual. Then use recommended starting procedure from operators seat.
3. When necessary, repair electrical system components promptly so that "jump starting" will not be attempted.



Machine run-away can cause injury or death to operator and bystanders.



WARNING: When improperly operated, this tractor can roll over or upset. For low clearance use only, the ROPS can be lowered. No protection is provided in this position. For all other uses and transport, secure ROPS in upright position and fasten seat belt. Use of ROPS and seat belt minimize the possibility of injury or death if roll over or upset occurs.

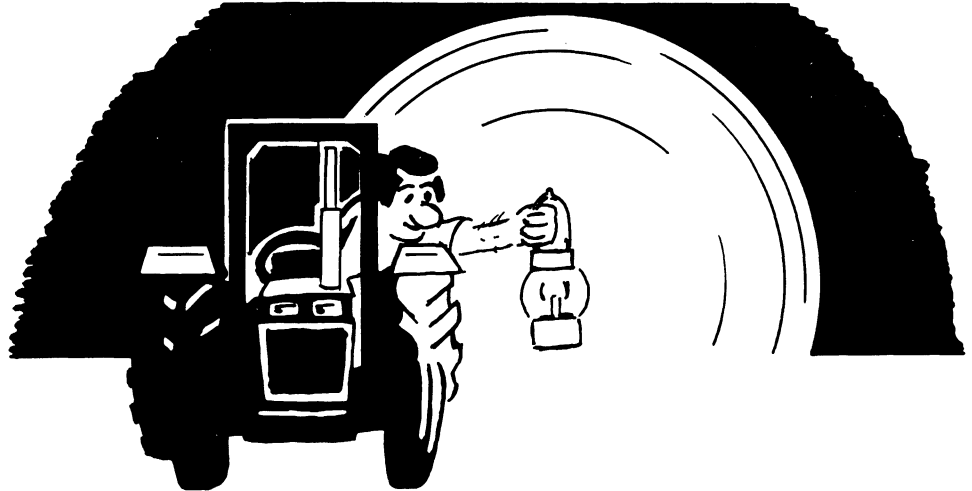




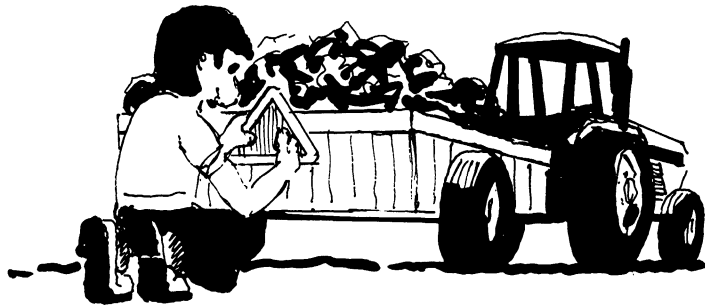
WARNING: Cab air filters remove dust in the air, but are not capable of removing chemicals used in spraying crops or in weed control. Many chemicals used for these purposes are toxic when improperly used, and can be hazardous to operators and others in the area. Follow the instructions of manufacturers of both the equipment and the chemicals regarding prohibitions against inhalation of dust or spray, personal hygiene practices, and other precautions noted by the manufacturers.



WARNING: Tractor travel speed should be such that complete control and tractor stability is maintained at all times. Where possible, avoid operating the tractor near ditches, embankments and holes. Reduce speed when turning, crossing slopes, and on rough, slick, or muddy surfaces.



WARNING: Collision of high speed road traffic and tractors or implements can cause personal injury or death. On roads, use flasher/lights according to local laws. Keep SMV emblem visible.

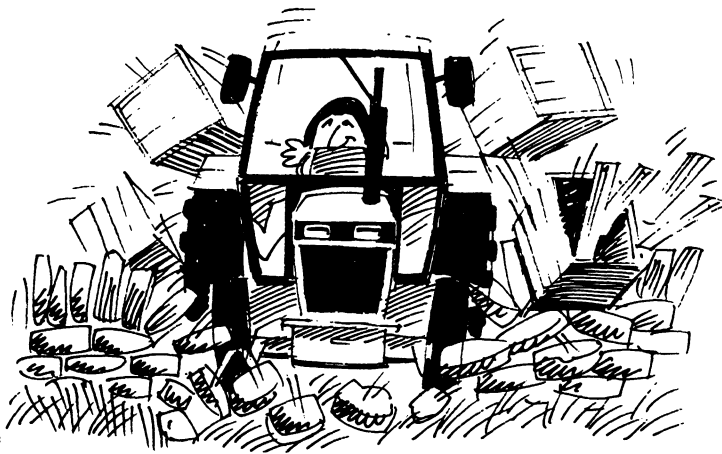




CAUTION: *Stop, look and listen before entering a highway, stay on your side of the road and pull over to let faster traffic pass. Slow down and signal as you turn off.*



CAUTION: *Brake pedals must be locked together for road travel. This will insure uniform brake application and maximum stopping ability.*



WARNING: *Extra weight and bad traction conditions such as mud or ice increase your stopping distance. Remember that liquid in the tires, weights on the tractor or wheels, tanks filled with fertilizer, herbicides or insecticides - all these add weight and increase the distance you need in which to stop.*



CAUTION: Make sure that the weight of a trailed vehicle that is not equipped with brakes, NEVER EXCEEDS the weight of the tractor that is towing the vehicle. Stopping distance increases with increasing speed as the weight of the towed load increases, especially on hills and slopes.



WARNING: A frequent cause of personal injury or death is persons falling off and being run over. Do not permit others to ride. Only one person - the operator - should be on a tractor when it is in operation.



CAUTION: Do not drive on roads, or at high speed anywhere, with the differential lock engaged. Difficult steering will occur, and can result in an accident. In field operation, use the differential lock for traction improvement, but release for turning at row ends.



CAUTION: Try to balance the load primarily on the implement wheels - as in loading a trailer or spreader. Avoid overloading the drawbar. Add front end weights for improved stability. Engage the clutch smoothly, avoid jerking and use the brakes cautiously to avoid jack-knifing.



WARNING: Rear upset can result if pulling from wrong location on tractor. Hitch only to the drawbar. Use 3 point hitch only with the implements designed for its use - not as a drawbar.



Buy Now



Our support email:

ebooklibonline@outlook.com