

1494 Tractor

Operators Manual

9-9812

Reprinted








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	Grease Fittings	30,31
SAFETY	V	Engine Oil Change	32
Safety Rules	V	Engine Oil Filter Change	33
Before Starting	V	Transmission Oil Level	
Operation	VII	Check & Change	34
Service	XVII	Transfer Gear Box Oil Level - MFD	34
HAND SIGNALS	XX	Hydraulic Oil Filter Change	35
DECALS	XXII	Differential Oil Axle - MFD	37
SERIAL NUMBERS	1	Planetary Oil Axle - MFD	38
DIESEL ENGINE SPECIFICATIONS	2,3	OPERATING INSTRUCTIONS	39
GENERAL SPECIFICATIONS	4-6	Run-In Procedure	39
APPROXIMATE TRACTOR SPEEDS	7-11	Before Operating the Tractor	40
FUEL SPECIFICATIONS	11	Towing	41
APPROXIMATE MEASUREMENTS	12-15	How to Transport the Tractor	41
APPROXIMATE TRANSPORT		Operating Instruments	42,43
WEIGHTS	12-15	Operating Lamps	44,45
TIRE AND WHEEL EQUIPMENT	16,17	Operating Controls	
TIRE ARRANGEMENTS - MFD	18	Tractor Without Cab	46-61
FRONT WHEEL TREAD		Instrument Panel	46-49
POSITIONS - 2WD	19	Levers, Left-Hand Side	50-55
FRONT WHEEL TREAD		Levers, Right-Hand Side	56-61
POSITIONS - MFD	20,21	Pedals	
REAR WHEEL TREAD POSITIONS	22	Operating Controls	
POWER ADJUST REAR WHEEL		Tractor With Cab	62-82
TREAD POSITIONS	23	Instrument Panel	62-65
LUBRICATION	24	Foot Pedals	66,67
Engine Hourmeter	24	Levers, Left-Hand Side	68-71
Diesel Engine Oil	25	Levers, Right-Hand Side	72-77
Lubrication Chart	26	Controls Cab Roof	78,79
Capacities and Approved		Air Conditioning Operating	83-85
Lubricants	27	Controls Cab	80-82
Lubrication - MFD	28,29	Operators Seat	86,87
		Seat Belt	88
		Amber Warning Lamps, Direction	
		Turn Signals & SMV	89
		Implement Warning Lamps,	
		SMV Symbol	90
		Auxiliary Outlet Socket	92
		Operating On The Road	91
		Auxiliary Outlet Socket	93
		Operating the Engine	44
		Starting Procedure	95,96
		Stopping the Engine	97,98
		Cold Temperature Operation	99
		Power Shift Transmission	102,103
		Synchromesh	100,101
		Differential Lock	104

Power Takeoff	105,106	Coolant	164
Operating Safety	107	Compressor Belt	165
Drawbar	108,109	Differential - MFD	37
Pick-Up Hitch/Drawbar	110-115	Engine Cover	155
Combined Pick-Up Hitch Drawbar	116	Engine Oil	32
Three Point Linkage	117	Engine Oil Filter	33
Jeffes Type Linkage	117	Final Drives	
Lift Rod Adjustment	119	Front Hubs - MFD	176
Leveling Lever Adjustment	120	Fuel Filters	167
Sway Blocks	123	Fuel Pump Water Trap	163
Mechanical Floatation	121	Fuses	183
Stabilizer Bar Adjustment	122	Injectors	166
Top Link Adjustment	118	Lamps	184
Spacer Bar Adjustment	118	Power Steering	161
Sensing Unit	125	ROPS	173
Selector Dial	126	Seat Belt	172
Operating Jeffes Linkage	124	Transmission Oil	34
Operating The Linkage	127	Transmission Filter	34
Operating Draft	128	Valve Clearance	166
Operating Above Ground	128	Wheel Nuts	164
Operating External Equipment	129		
Three Way Valve	135	OPTIONAL EQUIPMENT	193
Hydraulic Hose Couplers	136		
Front Axle Adjustment - 2WD	137		
Front Axle Adjustment - MFD	138		
Rear Wheel Tread Adjustment	142		
Tractor Ballast	144		
Front End Weights	145		
Rear Wheel Weights	146		
Liquid Ballast	147		
Measuring Wheel Slip			
ROLLOVER PROTECTIVE STRUCTURE			
(ROPS).....	149-152		
PREVENTIVE MAINTENANCE	153		
First 20 Hours Service	154		
Raising Engine Cover	155		
Removing Front Panel	156		
Removing Side Panels	157		
Service Periods	159		
Daily 10 Hour Inspection	160		
50 Hour Service	161		
100 Hour Service	165		
200 Hour Service	165		
400 Hour Service	166		
800 Hour Service	174		
Air Cleaner	170		
Air Conditioning	178		
Alternator	191		
Auxiliary Battery	190		
Battery	188		
Brake Adjustment	161		
Brake Fluid	163		
Cab Air Filter	177		

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



1494 TRACTOR WITHOUT CAB

Figure 1

NOTE: When left-hand and right-hand are used in this manual, they are the same as your left and right when you are sitting in the tractor seat looking forward.



1494 TRACTOR WITH CAB

Figure 2

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.

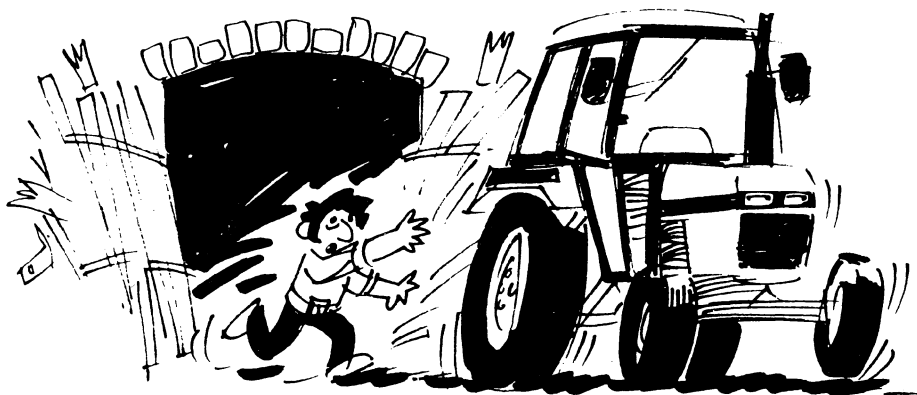
Operation

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.





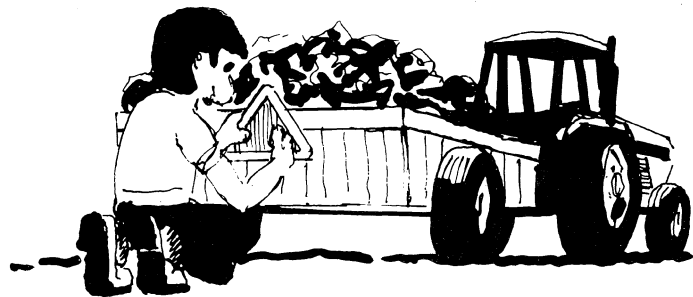
WARNING: Cab air filters remove dust in the air, but are not capable of removing chemicals used in spraying crops or in weed control. Many chemicals used for these purposes are toxic when improperly used, and can be hazardous to operators and others in the area. Follow the instructions of manufacturers 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.

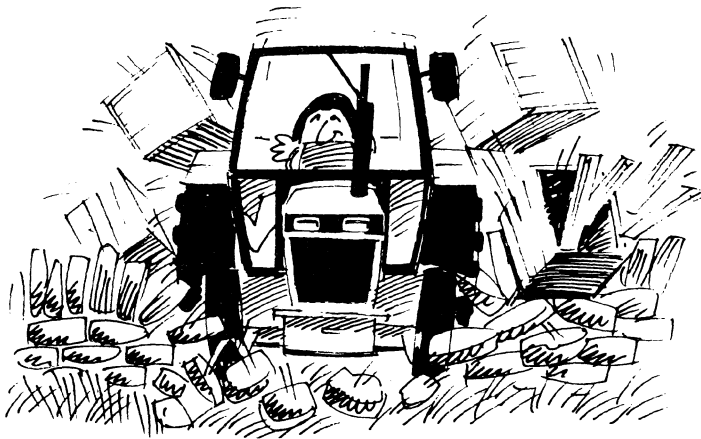





CAUTION: Stop, look and listen before entering a highway, stay on your side of the road and pull over to let faster traffic pass. Slow down and signal as you turn off.




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.



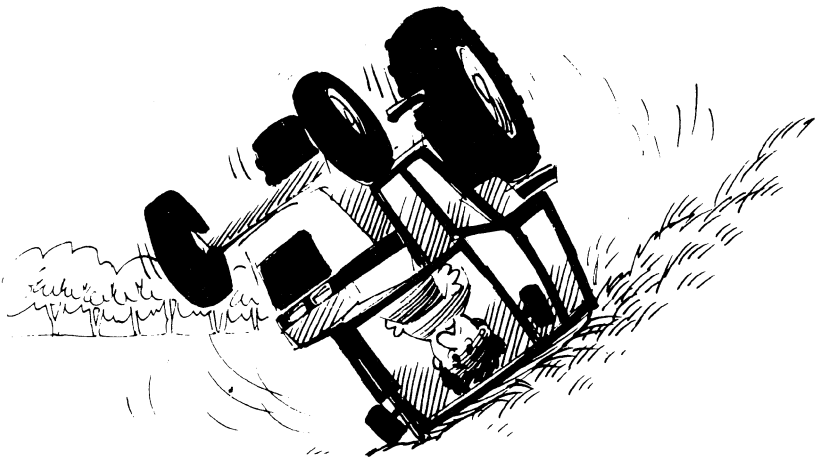
WARNING: When improperly operated, this tractor can roll over or upset. For low clearance use only, the ROPS can be lowered. No protection is provided in this position. For all other uses and transport, secure ROPS in upright position and fasten seat belt. Use of ROPS and seat belt minimize the possibility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



WARNING: Securely fasten your seat belt if the tractor has a ROPS frame or cab. The seat belts can help insure your safety if they are used and maintained.



CAUTION: Never wear a seat belt loosely or with slack in the belt system. Never wear the belt in a twisted condition or pinched between the seat structural members.



CAUTION: Operate the tractor with the door closed to provide proper ROPS protection and to properly utilize the heating, ventilating or cooling systems.



WARNING: Stay off slopes too steep for safe operation. Shift down before you start up or down a hill with a heavy load. Avoid "free wheeling".

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