

**4890  
Tractor**

**Operators Manual**

9-6815



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.

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## CASE TECHNICAL MANUALS .....

## 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 assist you 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**

**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 and left hand.*

# 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** *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 Operator's Manual safety messages.

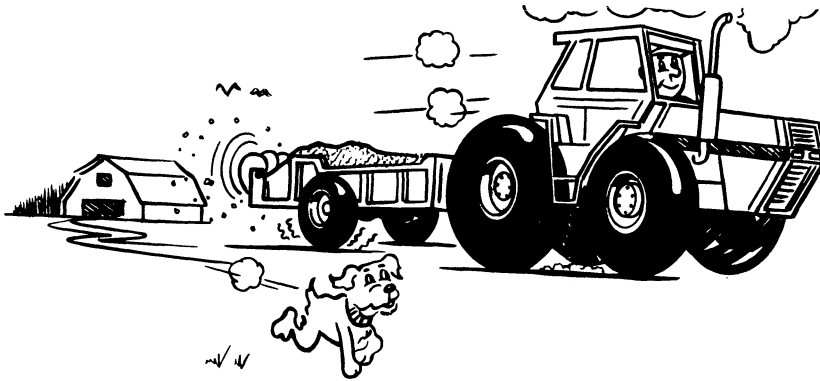
Read all safety signs on machine.

Clear the area of other persons.

Learn and practice safe use of controls before operating.

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

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



**WARNING** Before starting engine be sure all operating controls are in neutral.

Operate controls only when seated in Operator's seat.

On roads, use flasher/lights according to local laws. Keep SMV emblem visible.

Shields help protect from injury, keep in place.

Stop engine before working on PTO driven machine or PTO shaft, or performing any maintenance.

Before leaving tractor unattended, lower hydraulically lifted equipment to ground.



**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.



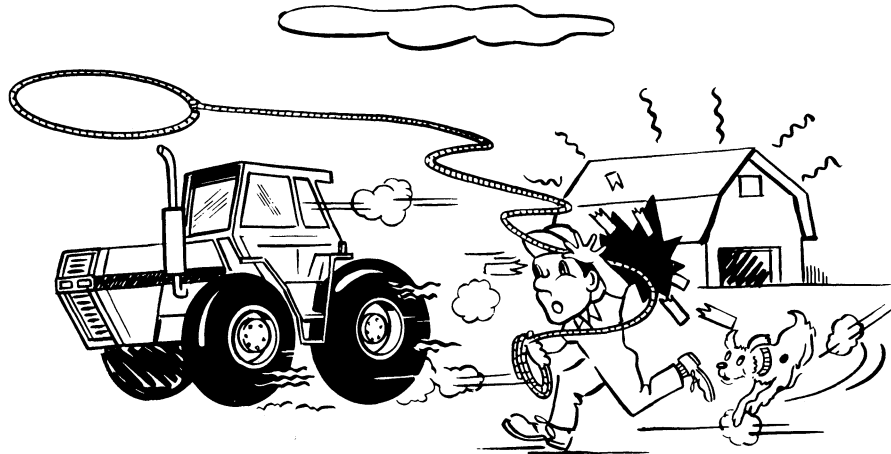
**WARNING:** If the steering mode selector switch is turned to another mode position while the tractor is not in operation, the rear wheels can move when the tractor is started again. To prevent possible injury from the rear tires moving, make sure no person is between the rear tires and tractor frame before you start the tractor engine.



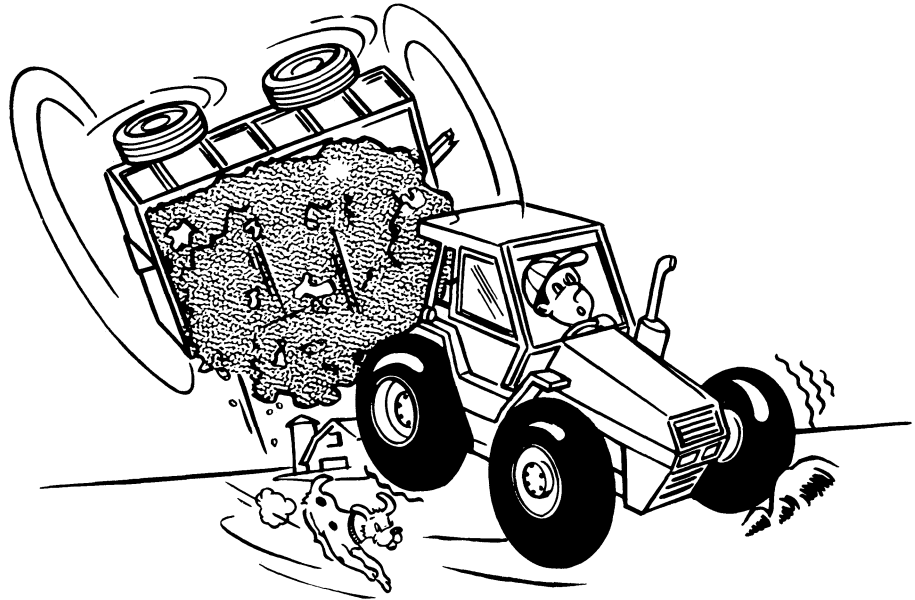
## Operation



**WARNING** Before leaving the tractor, stop the engine, place all controls in neutral, and either set the parking brake or place range lever in *PARK* position as equipped.

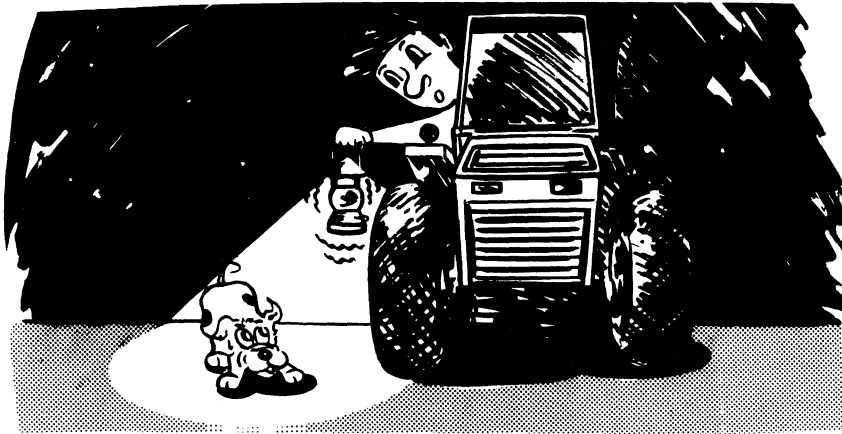


**WARNING** Operate controls only when seated in the Operator's seat.



**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.

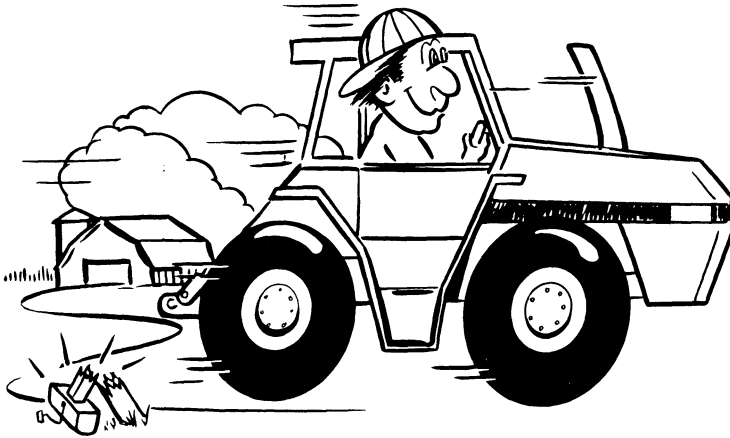




**WARNING** On roads, use flasher/lights according to local laws. Keep SMV emblem visible.



**DANGER** Excess tractor speed is the big killer. Only experienced drivers should be permitted on highways.

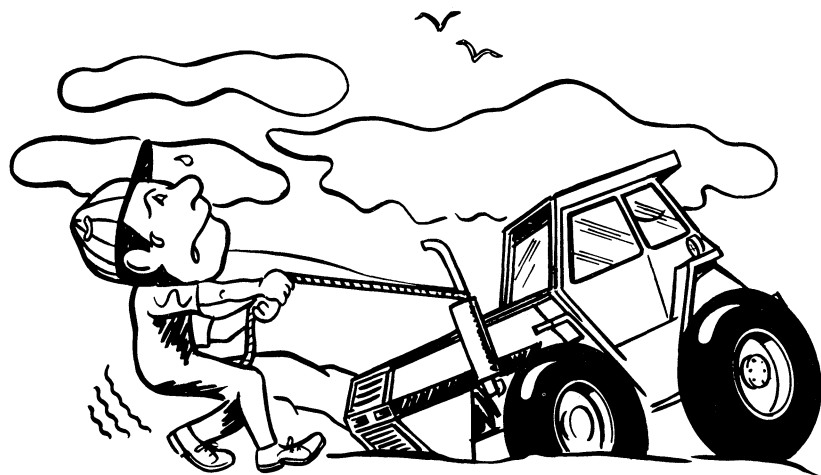




**WARNING** *Extra weight increases your braking distance. Remember that liquid in the tires, weights on the tractor or wheels, tanks filled with fertilizer, herbicides or insecticides - all these add weight and increase the distance you need in which to stop.*

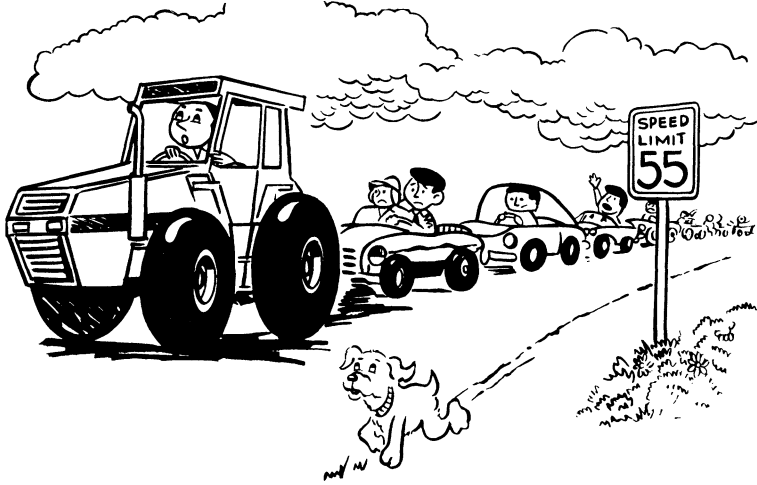


**WARNING** *The braking distance will increase in conditions of mud, ice or whenever the traction at one wheel is less than the traction at the opposite wheel. The operator must allow adequate distance to stop in these conditions.*

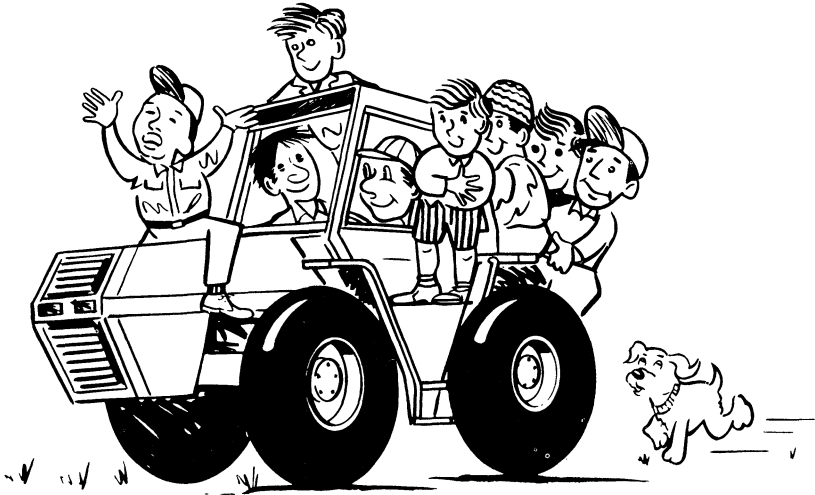




**CAUTION** Stop, look and listen before entering a highway, stay on your side of the road and pull over to let faster traffic pass. Slow down and signal as you turn off.



**WARNING** Do not permit others to ride. Only one person - the operator - should be on a tractor when it is in operation.



**CAUTION:** During road transport use front steering only.



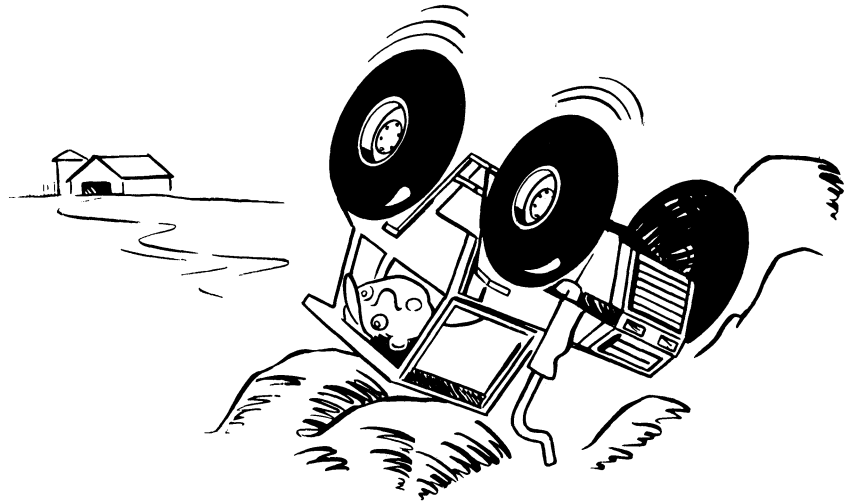
**WARNING:** When the reset button is used, with the engine running, the hitch will raise or lower according to where the hitch control lever is set. Clear the area of other persons before actuating the electronic hitch system.



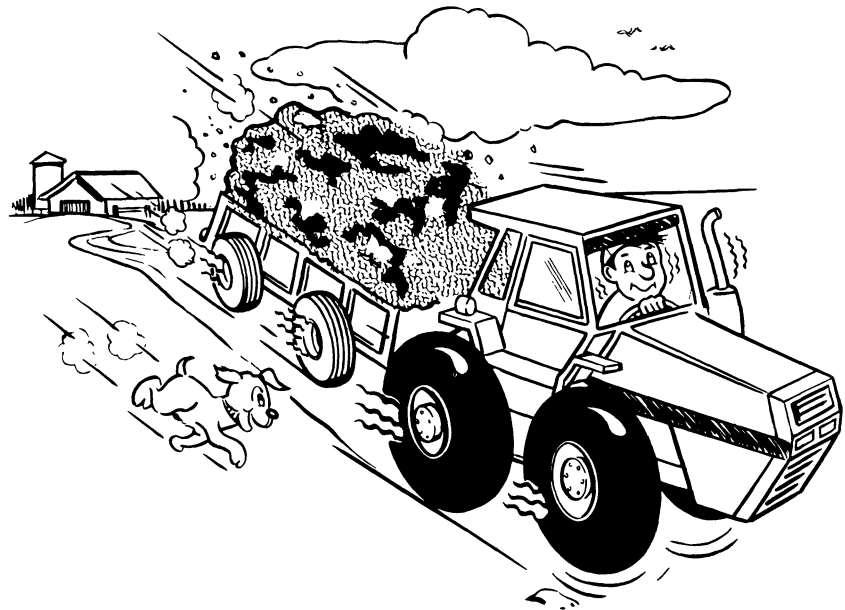
**WARNING** Be certain both latches are fully engaged across the implement lift pins before transporting or pulling the implement.



**CAUTION** The implement should be lowered to the ground before uncoupling of the remote hydraulic hoses.



**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".





**WARNING** *Rotating machine parts, stay clear, keep shields installed to help protect from clothing entanglement and injury. Wear close-fitted clothing.*



**WARNING** *Stop engine before working on PTO driven machine or PTO shaft, or performing any maintenance.*



**WARNING** *Whenever a PTO driven machine is in operation, the safety guard must always be in place to prevent injury to the operator. The safety guard must never be removed at any time, except for replacement. When the PTO is not in use, the tubular guard must be installed over the end of the PTO shaft.*



**WARNING** *When doing stationary PTO work and dismantling from the tractor with the PTO running, keep clear of all moving parts as they are a potential safety hazard.*



**WARNING** *On a mobile power take-off application, always disengage the PTO before dismantling from the tractor.*



**WARNING** *If this tractor is equipped with a 1000 RPM PTO, be sure implements are matched for this drive speed. Center and lock drawbar when using PTO.*



**WARNING** *Replace fan if it has been bent, modified, or damaged in any way. Stop and make corrections if fan strikes any part of the tractor.*

**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 Operator's Manual. Then use recommended starting procedure from Operator's seat.

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



**WARNING:** Securely fasten your seat belt as this tractor is equipped with a ROPS cab. The seat belts can help insure your safety if they are used and maintained.



**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.



**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.



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