

**STX Series
Steiger Tractors
STX 375 and STX 440**

Operators Manual

Prior to P.I.N. JEE0099500

Rac 6-6280





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.

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This manual contains important information about the safe operation, adjustment and maintenance of your Case STX Series Steiger Tractor. Refer to the Detail Index at the end of this manual for locating specific items about your tractor.

Use this manual as a guide. Your tractor will remain a reliable working machine as long as it is kept in good working condition and serviced properly.

Read this manual before you start the engine or operate this tractor. If any information in this manual is not understood or if you need more information or assistance, contact your dealer. All persons training to operate, or who will be operating this tractor should be old enough to possess a valid local vehicle operating permit (or other applicable local age requirement) and must have demonstrated the ability to operate and service the tractor correctly and safely.

This tractor, with standard equipment and authorized attachments, is intended to be used for farming, land leveling and related operations.

If your tractor requires replacement parts, do not use unauthorized parts or substitute materials. Case Corporation dealers stock Case approved service parts and have technicians with special training that know the best methods of repair and maintenance for your tractor.

MANUAL STORAGE COMPARTMENT



MK99H025

DO NOT permit anyone to operate or service this tractor until you or other persons have read this manual. The Operators Manual is a part of your tractor and must be available to all operators. Make sure the manual is complete and in good condition. Store the manual in the storage compartment provided on the rear side of the seat backrest.

NOTE: Also, refer to the Cummins Engine Operation and Maintenance Manual supplied with your tractor for supplemental engine maintenance information and procedures not covered in this manual. Adhere to the Lubrication and Maintenance Schedule as outlined in this manual.

STX SERIES STEIGER TRACTORS



MK99M005

MODEL STX 375 TRACTOR



MK99M017

MODEL STX 440 TRACTOR



MK99M014

MODEL STX 440 QUADTRAC TRACTOR

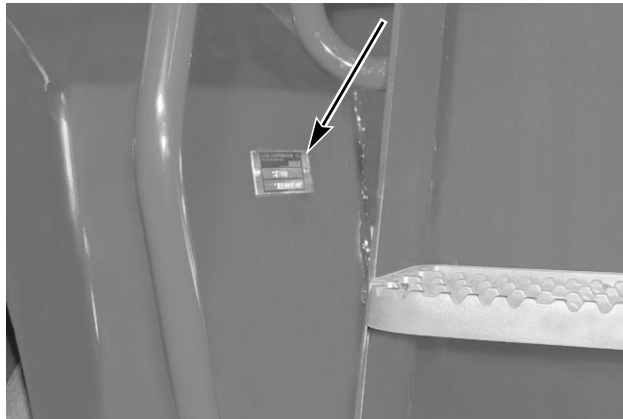
NOTE: *The right hand (RH) and left hand (LH) side of the tractor as used in this manual are the same as your right hand and left hand when sitting in the tractor seat looking forward.*

PRODUCT IDENTIFICATION AND SERIAL NUMBERS

Write your machine Model Number, Product Identification Number (P.I.N.) and Serial Numbers of major components on the lines provided. If needed, give these numbers to your dealer when you need parts or information for your machine.

1. TRACTOR MODEL NUMBER _____
2. PRODUCT IDENTIFICATION NUMBER *JEE _____
3. ENGINE SERIAL NUMBER _____
4. TRANSMISSION SERIAL NUMBER _____
5. CAB OR ROPS SERIAL NUMBER _____
6. AXLE SERIAL NUMBER - FRONT _____
7. AXLE SERIAL NUMBER - REAR _____

Identification Number Locations



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TRACTOR MODEL AND PRODUCT IDENTIFICATION NUMBERS



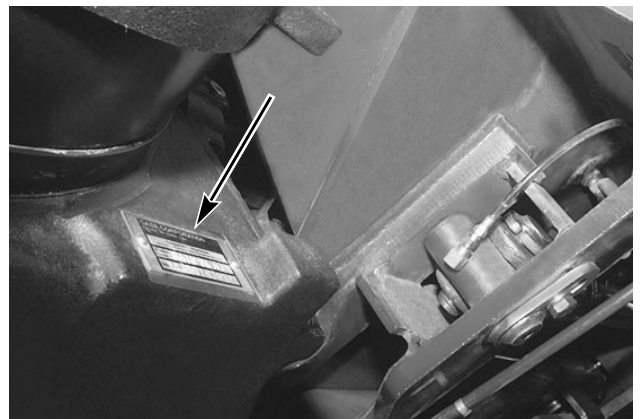
MK98C005

TRANSMISSION SERIAL NUMBER



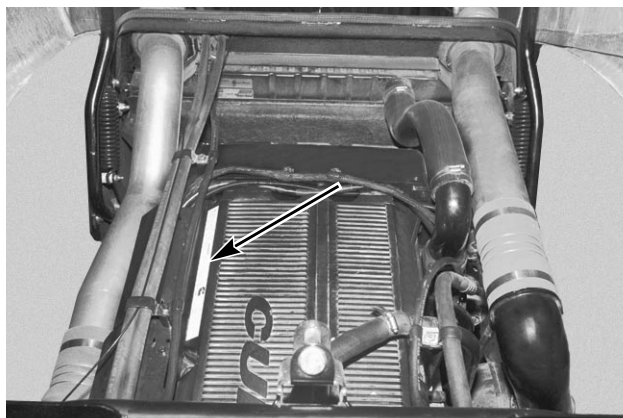
MK98C193

ROPS SERIAL NUMBER



MK99K096

AXLE SERIAL NUMBER STX 375 STANDARD



MK00D359

ENGINE SERIAL NUMBER



MK98E008

AXLE SERIAL NUMBER STX 375 HD AND STX 440

SAFETY

Understand that your safety and the safety of other persons is measured by how you service and operate this machine. Know the positions and operation 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 limits. 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.

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



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Safety Rules



- Before starting the engine, be sure all operating controls are in neutral or park lock position. This will eliminate accidental movement of the machine or start up of power driven equipment. R106E
- Operate controls only when seated in the operators seat. R137A
- Securely fasten your seat belt. Your machine is equipped with a ROPS cab, ROPS canopy or ROPS frame for your protection. The seat belt can help insure your safety if it is used and maintained. 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. Inspect seat belt webbing, buckle and retractors to ensure they are not damaged. If damage is apparent, repair before operating the tractor. M437A
- 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 the machine when it is in operation unless operator training is being conducted. Trainer and trainee must fasten seat belts at all times. R115C
- Before leaving the tractor, stop the engine, put all controls in neutral or park lock position, remove the key from the key switch. R301B
- 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". R123A
- 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. R116A
- Travel speed should be such that complete control and machine stability is maintained at all times. Where possible, avoid operating near ditches, embankments and holes. Reduce speed when turning, crossing slopes, and on rough, slick or muddy surfaces. R109B



Safety Rules



- Collision of high speed road traffic and slow moving machines can cause personal injury or death. On roads, use flasher lights according to local laws. Keep SMV emblem visible. Pull over to let faster traffic pass. Slow down and signal before turning off. R110E
- Make sure that the weight of a trailed vehicle that is not equipped with brakes, NEVER EXCEEDS the weight of the machine that is towing the vehicle. Stopping distance increases with increasing speed as the weight of the towed load increases, especially on hills and slopes. R114B
- Extra weight and bad traction conditions such as mud or ice increase your stopping distance. Remember that liquid in the tires, weights on the machine or wheels, tanks filled with fertilizer, herbicides or insecticides - all these add weight and increase the distance you need in which to stop. R138B
- PTO driven machinery can cause serious injury. Before working on or near the PTO shaft, or servicing or clearing the driven machine, put the PTO lever in the DISENGAGE position and STOP the engine. R154A
- Whenever a PTO driven machine is in operation, the PTO guard must be in place for most operations to prevent injury to the operator or bystanders. Where attachments, such as pumps, are installed on the PTO shaft (especially if the tractor PTO guard is moved upward or removed), extended shielding equivalent to the PTO guard must be installed with the attachment. Install the PTO guard to its original position immediately when the attachment is removed. R273A
- When doing stationary PTO work and dismounting from the tractor with the PTO running, keep clear of all moving parts as they are a potential safety hazard. R127A
- When doing stationary PTO work, install the front and rear frame articulation block to prevent accidental articulation of the tractor. Put the transmission control lever in the park position. R298B
- Never operate the engine in a closed building. Proper ventilation is required under all circumstances. R142A
- Never refuel the machine when the engine is hot or running. Never smoke while refueling. R139C
- Check and service cooling system according to the maintenance instructions. Hot coolant can spray out if the deaeration tank cap is removed while system is hot. To remove the deaeration tank cap, let system cool, turn to first notch, then wait until all pressure is released. Scalding can result from fast removal of the cap. R141C
- Hydraulic oil or diesel fuel leaking under pressure can penetrate the skin and cause infection or other injury.
To Prevent Personal Injury:
Relieve all pressure before disconnecting fluid lines.
Before applying pressure, make sure all connections are tight and components are in good condition.
Never use your hand to check for suspected leaks under pressure.
Use a piece of cardboard or wood for this purpose. If injured by leaking fluid, see your doctor immediately. R149B
- Battery explosion and/or damage to electrical components can result from improper connection of booster batteries or charger. Connect positive to positive and negative to negative. Externally, battery acid can cause burns and blindness, and taken internally it is poisonous. R146B
- It is good practice to carry a fire extinguisher on the machine. Be sure that the extinguisher is properly maintained and be familiar with its proper use. R102B
- Clean tractor of field trash daily or more frequently depending upon conditions. Trash accumulation on the tractor can cause damage and fire. M791



Safety Rules



- Do not turn the steering wheel until everyone is clear of the equipment and the center hinge area. Turning the steering wheel can swing the tractor and equipment from side to side. R303A
- Always use the hand rails when mounting or dismounting from the tractor. Always face the tractor when mounting and dismounting. This will provide more secure hand and feet mobility to help prevent slipping and possible injury. R304A
- Always keep the cab windows and rear view mirrors clean to provide the best all around visibility while operating the tractor. R416
- Do not pull with elastic tow ropes. Elastic tow rope stores energy. Sudden release may cause injury or death. M425
- Young children should not be permitted to operate or ride the tractor under any circumstances. M630
- Do not look directly into the High Intensity Discharge Head Lamp. Eye damage can occur. M638
- Do not tamper with the ballast on the High Intensity Discharge Head Lamp as it contains high voltage. Personal injury or death can occur. M639
- To prevent tractor movement, whenever the tractor is parked with the engine running, the transmission control lever **MUST** be in the PARK position to activate the park brake. The park brake is applied automatically when the engine is shut down regardless of transmission control lever position. M627
- Always start the engine from the operators seat. Never attempt to bypass start, the tractor may suddenly start and move resulting in serious or fatal injury. M787
- To avoid possible eye damage from microwave signals emitted by the radar sensor, do not look directly into the sensor face. M788
- The operator cab does not protect against inhaling harmful pesticides or chemicals. Please utilize an approved respirator or other personal protection equipment as recommended by the chemical supplier when using these materials. M792



Hazardous Chemicals



- If you are exposed to or come in contact with hazardous chemicals, you can be seriously injured. The fluids, lubricants, paints, adhesives, coolants, etc., used with your machine can be hazardous.
- Material Safety Data Sheets (MSDS) provide information about the chemical substances within a product, safe handling procedures, first aid measures and procedures to be taken when the product is accidentally spilled or released. MSDS are available from your dealer.
- Before you service your machine, check the MSDS for each fluid, lubricant, etc., used in this machine. This information indicates what the risks are and how to service the machine safely. Follow this information when servicing the machine.
- Before you service this machine and before you dispose of the old fluids and lubricants, always remember the environment. **DO NOT** put oil or fluids into the ground or into containers that can leak.
- Check with your local environmental or recycling center or your dealer for correct disposal information.

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