



**835/855/875  
TRACTORS  
OPERATOR'S MANUAL  
1980**

**42083532**

Reprinted

## VERSATILE WARRANTY

VERSATILE MANUFACTURING COMPANY (Versatile) warrants each item of new Versatile equipment sold by it to be free from defects in material and workmanship under normal use and service. The sole obligation of Versatile to the Dealer under this warranty is limited to repairing or replacing, as Versatile may elect, any part or parts that prove in Versatile's judgment to be defective in material or workmanship within one year after delivery to the original purchaser, under normal farm use. Such defective part or parts will be replaced or repaired ONLY TO THE ORIGINAL PURCHASER, such repair or replacement will be done at the location of the selling Versatile Dealer. Purchaser must give written notice to the Authorized Dealer from whom equipment was purchased of any claimed defect and the Dealer will have a reasonable time under the circumstances then existing to repair or replace said part or parts found to be defective. It is understood that if there is any delay in giving such written notice wherein it is possible that the alleged defective part may have caused damage or defects to other parts of the equipment, then this warranty shall not cover the repairs necessitated therein.

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This warranty does not extend to the engine or tires on Versatile tractors which are manufactured by others, and which carry separate warranties from said manufacturers. There are no representations, warranties, or conditions express or implied, statutory or otherwise, except those herein contained and no agreement collateral otherwise, except those herein contained and no agreement collateral hereto shall be binding upon either party unless in writing hereon or attached hereto, signed by purchaser and accepted by Versatile at its head office.

Versatile's liability under this warranty is limited to the repairing or replacing of parts, and Versatile shall in no event be liable to the Purchaser for consequential damages or loss of profits on crops sustained by it as a result of any defect in material or workmanship on any of the equipment covered by this warranty.

Versatile equipment is warranted for agricultural use only. This Warranty does not cover industrial application. ALTERING, MODIFYING OR ADDING ADDITIONAL EQUIPMENT WHICH IS NOT APPROVED FOR INSTALLATION ON VERSATILE EQUIPMENT BY THE COMPANY WILL VOID THE WARRANTY.

All Warranties are subject to the legislation of the state or province in which the machine is sold.

**•THERE WILL BE NO DEVIATION FROM THE PROCEDURE AS OUTLINED•**

**NOTE: THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE BY VERSATILE OR ITS AUTHORIZED DEALER, REGARDING VERSATILE EQUIPMENT EXCEPT THE WARRANTY AGAINST DEFECTS IN MATERIAL OR WORKMANSHIP EXPRESSED HEREIN. VERSATILE SHALL NOT, IN ANY EVENT, BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, WHETHER IN CONTRACT, TORT OR OTHERWISE. NO PERSON IS AUTHORIZED TO BIND VERSATILE FOR ANY OTHER WARRANTY WHATSOEVER.**



**VERSATILE FARM EQUIPMENT COMPANY**

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 **VERSATILE\***

**835/855/875 Tractor**

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## Serial Number Location

### IMPORTANT

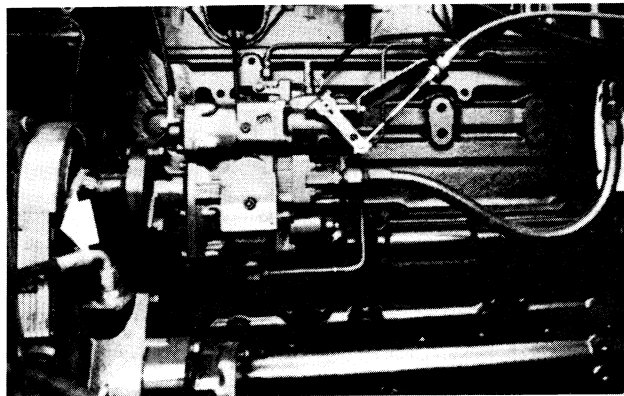
When ordering parts, state the serial number of the tractor and engine. To obtain the fastest service always remember to:

1. Order the part by the correct number.
2. State the machine model and year.
3. Include the serial number of the tractor plate and engine.

### ENGINE

Serial plate located on the engine's left side near the injector pump.

SERIAL .....

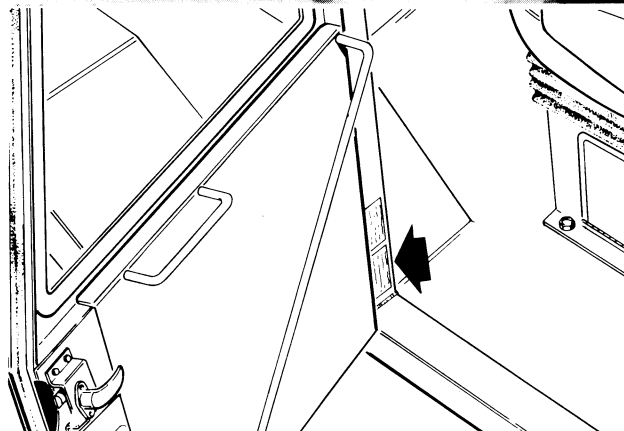
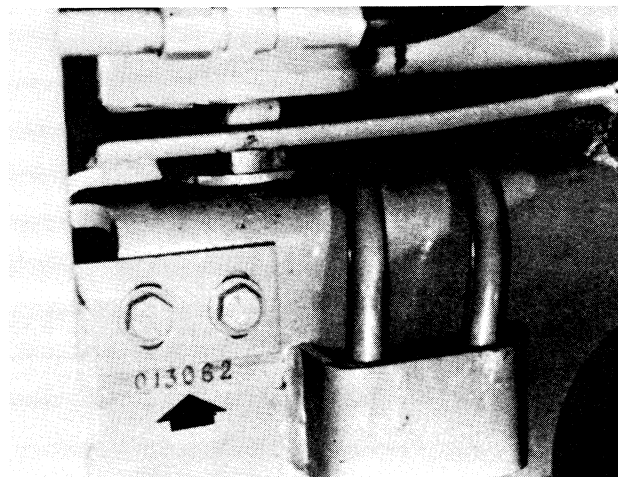


Engine Plate

### TRACTOR

Serial number plate is stamped on the rear of the front frame section and on lower left-hand side of the doorpost.

SERIAL .....



Tractor Plate

# Introduction

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We at VERSATILE® Manufacturing Co. are pleased that you have chosen a Four-Wheel Drive Tractor for your farming operation. The tractor has evolved through the ideas and suggestions which have been submitted to us by customers such as yourself.

We ask that you study this manual and adopt the preventative maintenance program outlined in it. Preventative maintenance will provide you with trouble-free service for years. The suggested schedule has been designed to meet most operating conditions. It may be necessary to adjust your maintenance program to suit your specific operating conditions and to perform the maintenance more often than outlined.

As the purchaser of a Four-Wheel Drive Tractor you have also received a Cummins' Operations and Maintenance Manual. We would ask that for maintenance on the engine, which is not covered by our tractor manual, you follow the instructions in the Cummins' manual. Before placing the tractor in service become familiar with all the procedures described in both manuals.

Your dealer is factory-trained to provide you with genuine parts and professional repair service. Consult him on all your service needs. He is working for you.





Watch for this symbol. It identifies potential hazards to health or personal safety. It points out safety precautions. It means: ATTENTION - Be Alert. Your safety is involved.

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# 1 Safety

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Safety is everyone's business and responsibility.

Safety is doing things properly — not just talking.

Safety is a habit. Learn the habit and follow it.

Safe working habits prevent accidents. Unsafe working habits invite accidents.

National Safety Council statistics tell us that many people die or suffer serious injury needlessly every year, as a result of needless farm accidents. Don't become a statistic or a victim.

Carefully review the procedures given in this manual with all operators **ANNUALLY**. It is important that all operators be familiar with, **AND FOLLOW**, safety precautions.

**Operating instructions must be given to everyone using the tractor before operation and at least once a year thereafter in compliance with OSHA Regulation 1928.57.**

Operators should be made aware of their capabilities and limitations. Physical and psychological factors also cause accidents. In farming operations, men and women often work far beyond their normal capabilities before sensing fatigue. This is especially dangerous.

Communication and concern for others are the most important aspects of farm safety:

1. **ALWAYS** use hand signals to inform the operator to stop or start the tractor.
2. **ALWAYS** shut off and lockout all power-operated machinery when finished — or when taking a break.
3. **ALWAYS** wear seat belts in tractor cab.
4. **NEVER** permit passengers on or in tractors.

5. **NEVER** allow small children near any machine.

6. **NEVER** approach a machine being operated by someone else. He may not be aware of you.

Before performing any operation, **THINK!** Then, put **SAFETY FIRST** in all farm operations.

The following instructions, combined with common sense, will save your equipment from needless damage and your operators from unnecessary exposure to personal hazard. Take special note of the specific caution notices in the text. Review the caution notices, and these instructions, at least once each year with new and experienced operators.

## **GENERAL SAFETY PRECAUTIONS**

1. Mount a fire extinguisher in the tractor cab. Maintain it regularly in accordance with the manufacturer's instructions. Review its operation at least annually with all tractor operating personnel.
2. Always keep clothing relatively tight and belted. It is also a good practice to remove watches, rings, hanging keychains, or any other object that might catch in moving machinery.
3. Use the steps and handholds when entering or leaving the tractor.
4. Allow only one operator on the tractor. Never allow passengers on the tractor, either in the cab or outside it.
5. Always fasten the seatbelt before starting the tractor.
6. Ensure that all controls are in the neutral position before starting the tractor.
7. Engage articulation lock before using tractor in stationary PTO applications and servicing.

## **OPERATING SAFETY**

1. Never operate the tractor inside a closed building.
2. Never attempt to start the engine or shift gears while the tractor is in motion.
3. Operate the tractor smoothly, avoiding sudden turns, starts or stops.
4. **BE ALERT.** Watch where you are going, especially at row ends, road slopes, and around obstacles such as trees, poles and towers. Where possible, stay away from the edge of a gully or ditch.
5. When the tractor is stopped and the engine is running, place the gearshift lever in neutral and set the parkbrake.
6. When the engine is not running, leave the transmission in gear and set the parkbrake. Lock out the engine by removing the key.
7. Take care when turning with a towed implement. Raise the implement from the ground while making the turn.
8. Depress clutch pedal before starting tractor. Tractor will start only when this is done.

## **SAFE OPERATION IN ROUGH TERRAIN**

1. Always drive more slowly over rough ground. Bear in mind that the tractor weighs almost 30,000 lb (14 000 kg) and has a high center of gravity. Avoid slopes which are too steep for safe operation.
2. When operating on hillsides, avoid sharp uphill turns.
3. When driving out of a ditch or gully, or up a steep hillside, engage the clutch slowly.
4. Before descending a steep grade, select a sufficiently low gear to maintain control with minimal braking. While descending, keep the tractor in gear and the clutch engaged at all times.

## **SAFE HIGHWAY OPERATION**

1. When driving the tractor on a public road, use the hazard warning flasher, unless prohibited by law in your jurisdiction. If towing an implement, remember to attach a Slow Moving Vehicle sign to the implement. Ensure that the sign is clearly visible to overtaking traffic.
2. When pulling heavy loads at road speeds, use extreme **CAUTION**. Avoid hard and sudden application of the brakes.
3. Before road travel at night, ensure that the headlights are so adjusted as not to blind the operator of an oncoming vehicle.

## **WORKING SAFETY**

1. When hitching any load to the tractor, always hitch to the drawbar or hitch points.
2. When hitching towed equipment to the tractor, back the tractor past the clevis. Then, move forward so that, in making the connection, the tractor will be moving away from the implement.
3. Operate all controls only from the operator's seat. Before starting the tractor, ensure that all operating controls are in the neutral position.
4. Do not leave a towed implement in the raised position when it is not in use. Always lower it to the ground.

## **PTO SAFETY**

1. Never start the tractor with the PTO engaged.
2. Ensure that all guards and shields are in place before operating the PTO.
3. Before working on PTO-driven equipment, always disengage the PTO, then stop and lock out the tractor engine.



4. When using the tractor PTO in a stationary application, ensure that the articulation is engaged, the parkbrake is set and that the gearshift lever is in neutral. Do not leave the tractor unattended. If you must leave the area for any reason, stop and lock out the tractor engine.

## **SAFE REFUELLING AND MAINTENANCE**

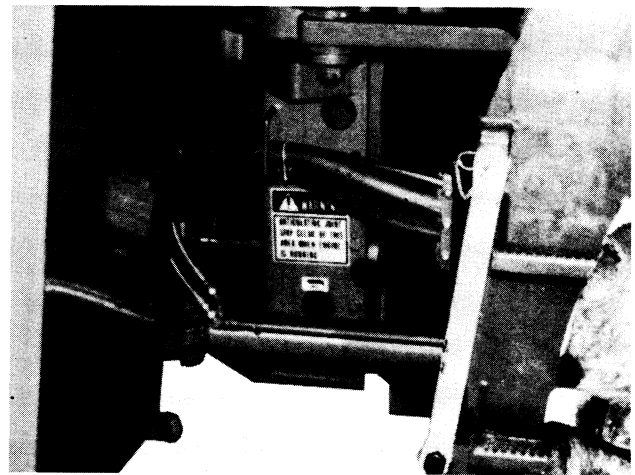
1. Never refuel the tractor when the engine is hot or running. Do not smoke while refuelling or performing any operation on the fuel system.
2. Use extreme caution in handling any type of tractor fuel. Vaporized diesel fuel is as volatile and dangerous as gasoline.
3. Do not smoke and avoid open flames while charging or servicing the batteries.
4. Always stop the engine before adding coolant. Turn the surge tank cap slowly counterclockwise to the stop position. Remove all pressure before removing the cap.
5. Escaping hydraulic fluid under pressure can cause personal injury if it penetrates the skin. Ensure that all connections are tight and that lines and hoses are not damaged. In searching for suspected leaks, wear gloves and safety goggles. Use a piece of wood or cardboard as a backstop for spurting fluid. Relieve all pressure before disconnecting any hydraulic line.
6. Remove all mud, crop residue, chains and tools from the steps and cab area. They might interfere with pedal operation or with entry or exit from the cab.

## **CHEMICAL SAFETY**

1. The air filters in the cab are not designed to filter out harmful chemicals. When using agricultural chemicals, follow the manufacturer's instructions carefully. Failure to do so could result in serious injury or death.

## **ARTICULATION LOCK**

1. Use the articulation lock on the tractor in stationary applications, servicing, jacking or overhauling operations. Do not use when the tractor is in motion.
2. Before engaging the lock, locate tractor on a level surface and steering straight. Engage parkbrake. Select neutral on floorshift lever and stop engine. Remove lock from storage position and attach to bracket on front frame. It may be necessary to start the engine and articulate the frame slightly and slowly to engage lockpin.



**Articulation Lock**

## **ALTERNATE EXIT**

The tractor cab has two exits for emergency situations; the door, and the window in the front right corner of the cab.

The window is opened by unscrewing and removing the knob holding the two arms together; separating the arms; and pushing the window wide open.



**Alternate Exit**

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