

 **VERSATILE**

**555**



**1980 OPERATOR MANUAL**

Reprinted 4205501

## VERSATILE<sup>®</sup> WARRANTY

VERSATILE<sup>®</sup> MANUFACTURING CO. (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 a 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.

**NOTE: THE SOLE REMEDY OF THE PURCHASER FOR BREACH OF THIS WARRANTY IS THE REPAIR OR REPLACEMENT OF DEFECTIVE PARTS.**

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. NO PERSON IS AUTHORIZED TO BIND VERSATILE FOR ANY OTHER WARRANTY WHATSOEVER.**

**VERSATILE**  
VERSATILE MANUFACTURING COMPANY  
A division of Versatile Cornat Corporation  
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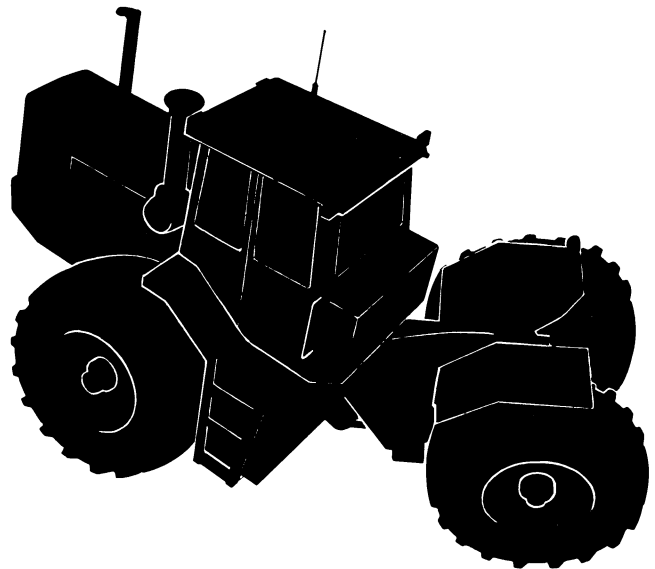
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**555 Tractor**

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**PU 1036**

**OCTOBER 1979**

## Serial Number Location

### IMPORTANT

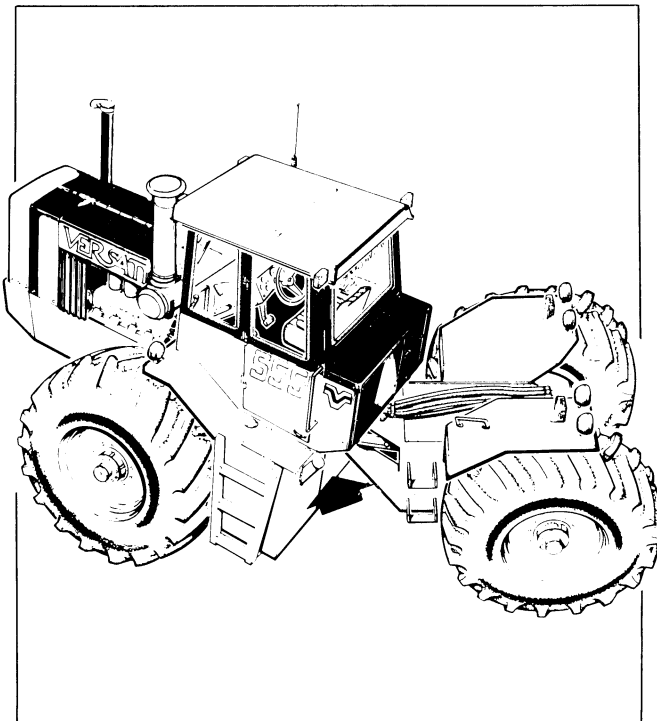
When ordering parts, state the serial number of tractor and engine. To obtain the fastest service always remember to:

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

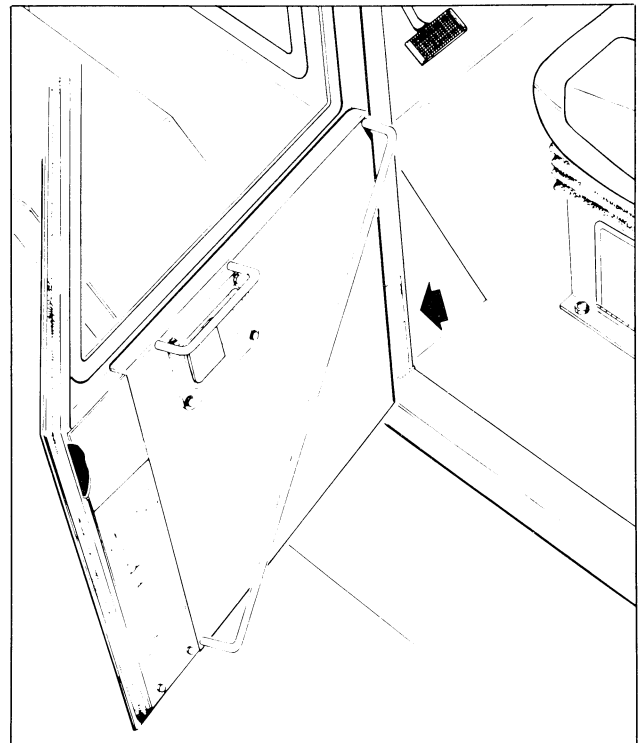
### TRACTOR

Serial number is stamped on the rear front frame and also appears as a metal tag near the parkbrake lever in the cab.

SERIAL .....



Frame Stamp

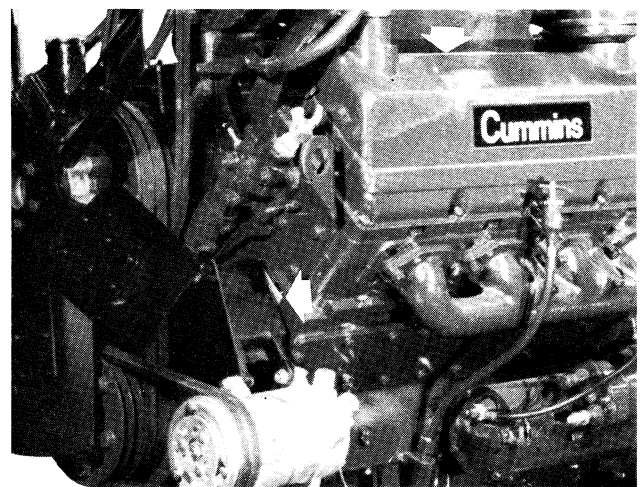


Cab Plate

### ENGINE

Serial number is on a metal tag on the engine's left-hand cylinder bank.

SERIAL .....



Engine Plate

# Introduction

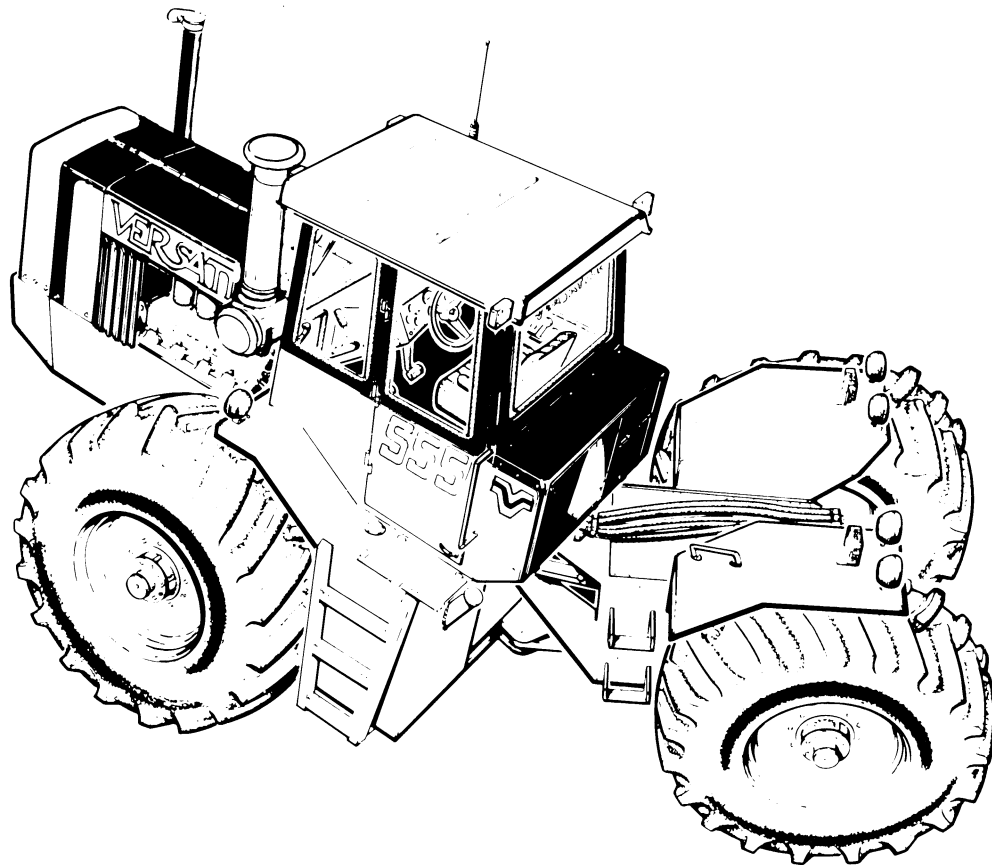
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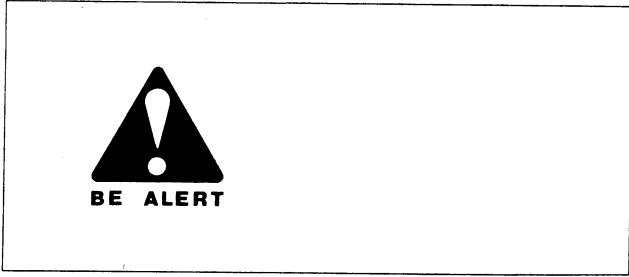
We at VERSATILE® Manufacturing Co. are pleased that you have chosen a VERSATILE® Four-Wheel Drive Tractor for your farming operation. It has evolved through the ideas and suggestions which have been submitted to us by customers such as yourself.

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

Your VERSATILE® dealer is factory trained to provide you with genuine parts and professional repair service. Consult him regarding 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.



# 1 Safety

---

Safety is fundamental.

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 Model 555 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.

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

## **GENERAL SAFETY**

1. Be sure that each operator is familiar with the machine. Do not let any unauthorized driver operate the controls. Review operation procedures at least annually with all tractor operating personnel.
2. Mount a fire extinguisher on the tractor. Maintain it and be familiar with its use.
3. Allow only one operator on the tractor when it is in use. Never allow anyone to ride on the drawbar or hitch or any other part of the tractor.
4. Always fasten your seat belt before starting the engine.
5. Never operate the tractor engine in a closed garage or shed.
6. Always keep sleeves, jackets, or other clothing relatively tight and belted, since loose clothes might catch in moving parts.
7. Do not jump from tractor. There is a danger of catching your clothing on protruding parts.
8. Use steps and handholds when mounting and dismounting tractor.

## **OPERATING SAFETY**

1. Never attempt to start or operate tractor except from the operator's seat.
2. Ensure seat is locked in position before operating tractor.
3. Always start tractor with range select and transmission in neutral and PTO clutch disengaged. This is particularly important during cold weather operation.
4. Always wait until clutch pressure warning light and buzzer go out before putting tractor into gear.
5. Do not oil, grease or adjust tractor while it is in motion. Do not leave engine running while tractor or drawn equipment is being adjusted, repaired or cleaned.
6. Ensure parkbrake is set when tractor is stopped. Tractor can freewheel even when in gear.

7. Avoid jerky or sudden turns, starts or stops. Operate the tractor smoothly.
  8. Keep all safety shields in place when operating machines.
  9. Do not operate tractor when you are fatigued. Take a rest. An alert driver is a safe driver.
  10. Never operate machine at high speeds in crowded areas. This practice may result in damage to machine and injury to the operator.
3. Add coolant to the radiator only when the engine is stopped. Turn the radiator cap slightly to its stop to relieve pressure before removing the cap.
  4. Never refuel the tractor when the engine is hot or running. Do not smoke while filling the fuel tank or servicing the fuel system. Use precautions in handling any type of tractor fuel. Vaporized diesel fuel is as dangerous and volatile as gasoline. Do not overfill.
  5. Do not smoke and avoid open flames when filling batteries.

### **SAFE OPERATION IN ROUGH TERRAIN**

1. The rate of tractor travel on hillsides and curves should always be such that there is no danger of tipping. Avoid slopes which are too steep for safe operation.
2. Always drive slowly over rough ground. Drive at speeds slow enough to ensure your safety.
3. Avoid sharp turns when operating on hillsides.
4. When driving out of a ditch, gully or up a steep hillside, engage the clutch slowly.
5. When descending steep grades, select a sufficiently low gear to maintain control with minimum braking.
6. When possible, do not drive near the edge of a ditch or a gully.
7. Keep your eyes open. Watch where you are going, especially at row ends, road slopes and around objects such as trees, poles and towers.

### **MAINTENANCE SAFETY**

1. Escaping hydraulic oil under pressure can penetrate the skin causing personal injury. Be sure all connections are tight and that lines and hoses are undamaged. Before disconnecting hydraulic lines, relieve all hydraulic pressure. Do not overfill tank.
2. Wear gloves and use a piece of cardboard or wood when searching for hydraulic leaks.

6. Ether starting fluid is highly flammable. Do not use near fire, sparks, open flames or while engine is running.
7. Remove mud, crop residue, chains and tools from steps and operator's platform. They may interfere with pedal operation or entry/exit from tractor.

### **IMPLEMENT SAFETY**

1. When hitching any load to the tractor, always hitch to the drawbar or hitch points.
2. When hitching drawn equipment to the drawbar, back the tractor past the clevis, then move forward so that, in making the connection, the tractor will be moving away from the equipment.
3. Do not leave an implement in a raised position when it is not in use. Always lower it to the ground. Hydraulic pressure can cause rupture of hoses, release of high pressure oil and subsequent implement damage.
4. Care must be observed when turning with a towed implement. Lift it from the ground during turns — side thrust could damage sidewalls.

### **POWER TAKE-OFF (PTO) SAFETY**

1. Never start tractor with PTO engaged.
2. When using the tractor PTO in a stationary application, ensure that the articulation lock 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.

3. Take special care in hook-up of implement to PTO.
4. Ensure all guards are in place while operating PTO.
5. Stop and lockout tractor before disconnecting or servicing PTO drive lines.

### SAFE HIGHWAY OPERATION

1. Use extreme caution when pulling heavy loads at road speeds. Avoid hard application of tractor brakes at high speeds.
2. Use the hazard warning flashers when transporting or driving the tractor on public roads unless prohibited by law in your area. Check with local authorities.
3. Equip towed implements with slow moving vehicle (SMV) signs when travelling on public roads.
4. Be sure the headlights are adjusted so they will not blind the operators of oncoming vehicles.

### 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.
2. Do not carry harmful chemicals in the cab. The chemicals may rupture the container or the fumes may poison the operator.

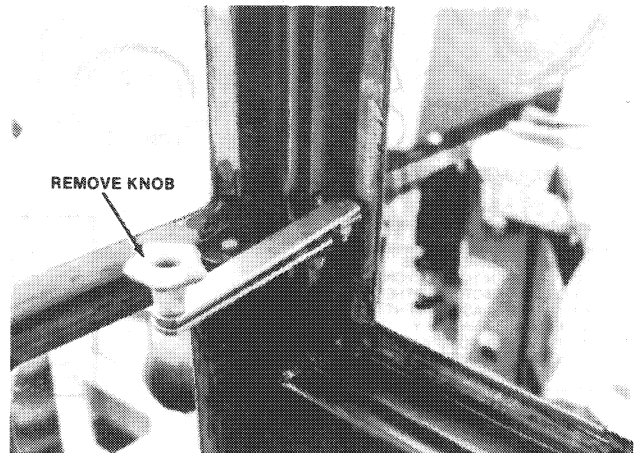
### ARTICULATION LOCK

1. Use the articulation lock on the tractor in stationary applications, servicing, jacking or overhaul 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 insert into holes to the left of articulation joint. It may be necessary to start the engine and articulate the frame slightly and slowly to engage lockpin.

### ALTERNATE EXIT

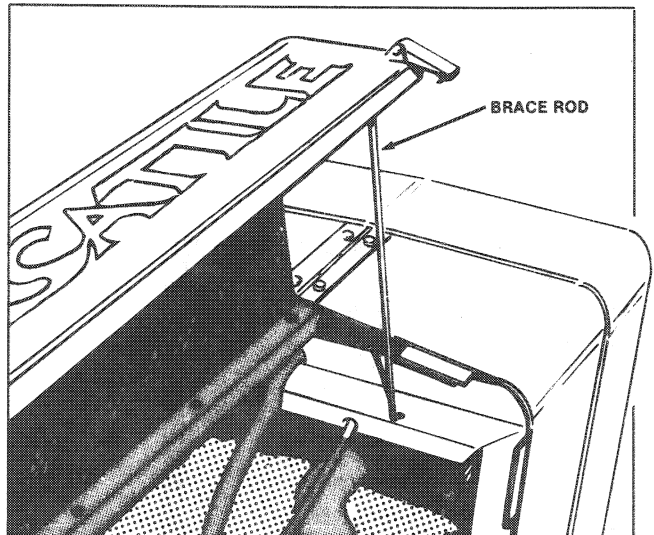
The tractor cab has two exits which may be used in an emergency. The door is one exit and the other exit is the window on the right-hand front corner of cab. The window is opened by unscrewing the knob which holds the two arms together. Separate arms and push window open.



Alternate exit

### ENGINE HOOD

Use the brace rod to hold engine compartment hood open before servicing it.



Engine Hood

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