

VERSATILE

Operator's Manual



Tractors
935/950

1981

42093520



Reprint

VERSATILE WARRANTY

VERSATILE FARM EQUIPMENT 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.

NOTE: THE SOLE AND EXCLUSIVE 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 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 work 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 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

A division of Versatile Cornat Corporation

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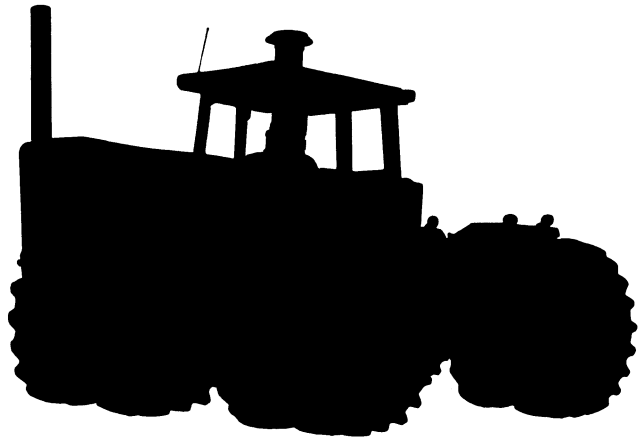
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935/950 Tractor

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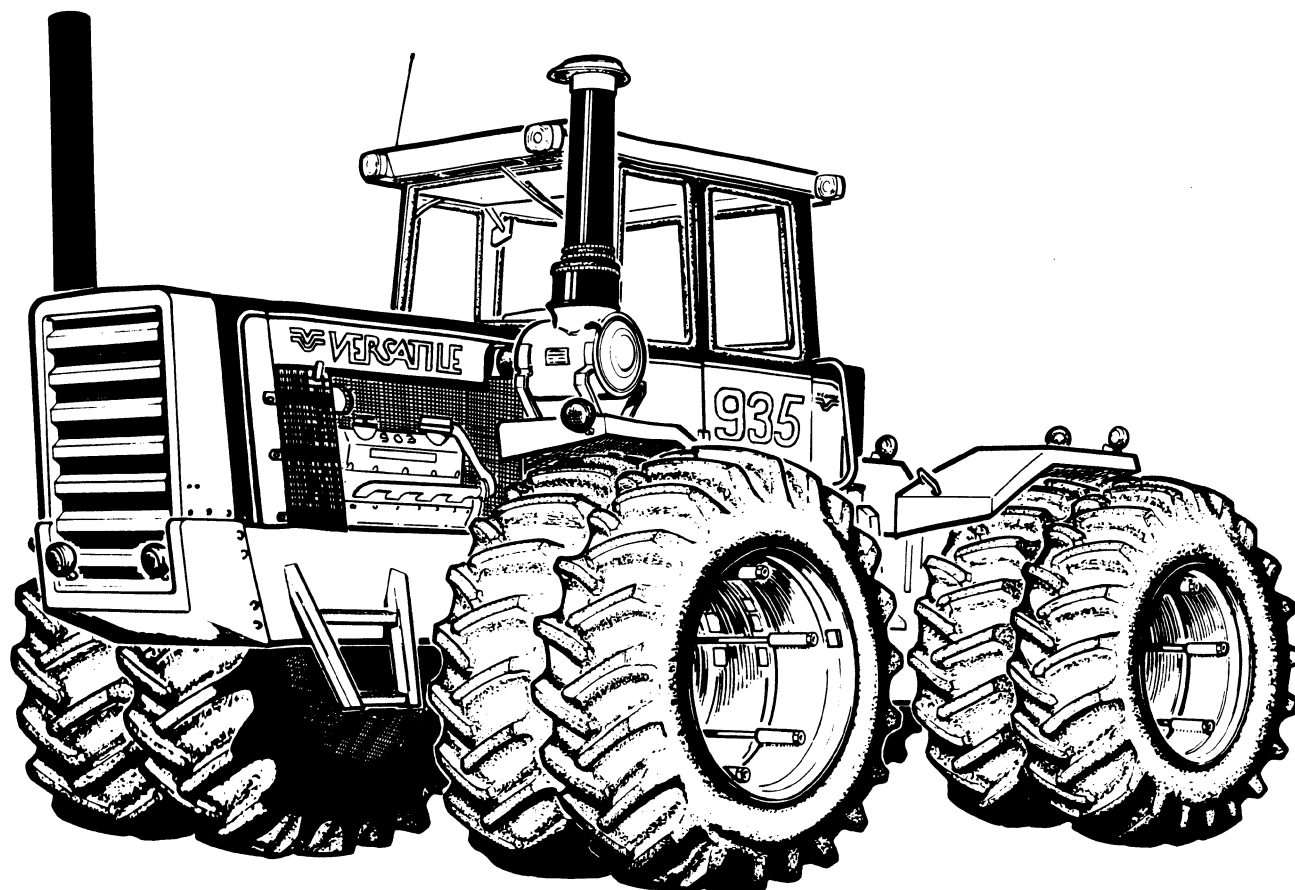
Introduction

We at Versatile Manufacturing Co. are pleased you have chosen a VERSATILE® Four-Wheel Drive Tractor for your farming operation. It has evolved through the ideas and suggestions 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 troublefree 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.

You have received a Cummin's Operation and Maintenance Manual. We ask that for maintenance on the engine not covered by our tractor manual, you follow the instructions outlined in the Cummin's 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 for all your service needs.



Serial Number Location

IMPORTANT

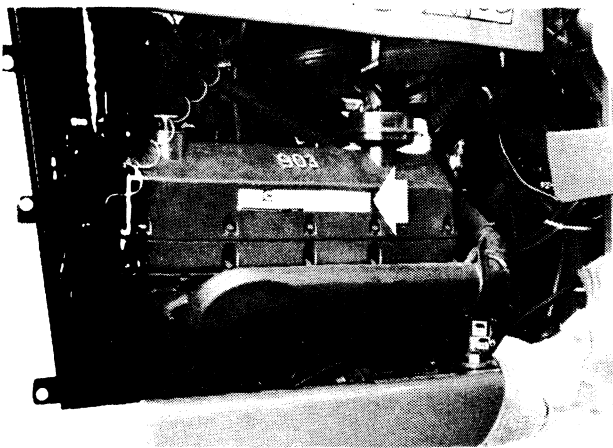
To obtain the fastest service when ordering parts, remember to:

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

ENGINE

Serial plate located on the engine's left cylinder bank.

SERIAL

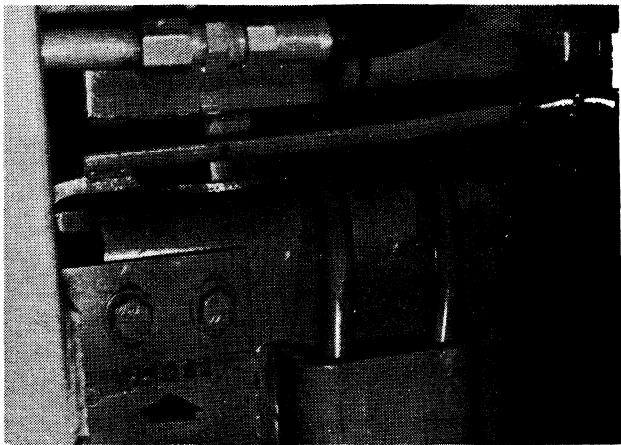


Engine Plate

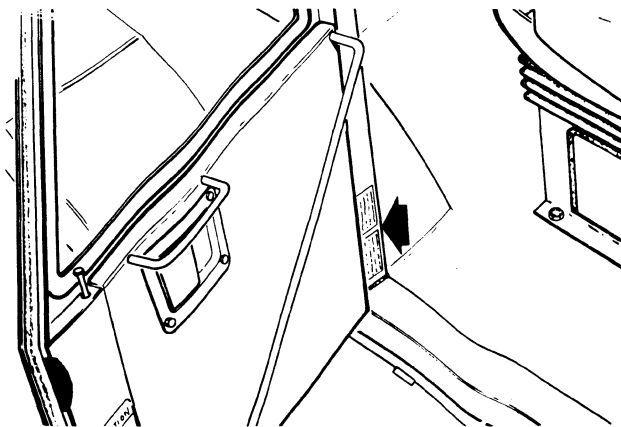
TRACTOR

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

SERIAL



Frame Stamp



Tractor Plate



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

National Safety Council statistics tell us that many people die or suffer serious injury each year as a result of 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.

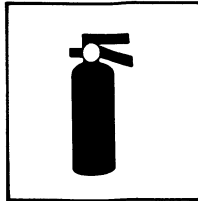


Operating instructions must be given to everyone using the tractor before operation and at least once a year thereafter in compliance with OSHA Regulation 1928.57.

GENERAL SAFETY

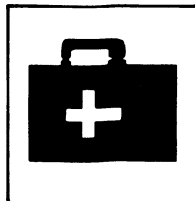
1. Never allow an unauthorized driver operate the tractor.

2. Keep a fire extinguisher in the cab. Maintain it and be familiar with its use.



3. Never allow passengers inside or outside the cab.
4. Never operate machine in a closed building.
5. Always keep sleeves, jackets, or other clothing relatively tight and belted, since loose clothes might catch in moving parts.

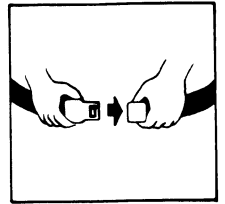
6. Provide a first aid kit.



7. Never jump from tractor. There is a **danger** of catching clothing on protruding parts.

8. Use steps and handholds when **mounting** and **dismounting** tractor.

9. Fasten seatbelt before starting engine.

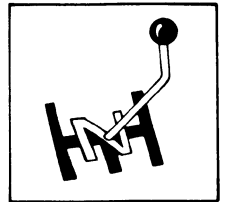


OPERATING SAFETY

1. Always operate tractor from the operator's seat.

2. Lock seat 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 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.

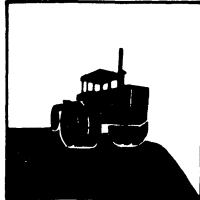
7. Avoid abrupt turns, starts or stops.

8. Keep all safety shields in place when operating machines.

9. Do not operate tractor when you are tired. Take a rest.
10. Never operate machine at high speeds in crowded areas. Damage to machine and injury to the operator may result.

SAFE OPERATION IN ROUGH TERRAIN

1. Drive tractor slowly on hillsides and curves to eliminate the 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 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. Never drive near the edge of a ditch or gully unless absolutely necessary.
7. Be especially alert when operating machine at row ends, road slopes and around obstructions.



3. Add coolant to the radiator only when the engine is stopped and cool. 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 as gasoline. Do not overfill.



5. Do not smoke and avoid open flames when filling batteries.
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.
8. Turn OFF lever at hydraulic couplers to prevent flow to implements when servicing.

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. Always lower implements to the ground when not in use and turn OFF lever couplers. Hydraulic pressure can cause rupture of hoses, release of high pressure oil and subsequent implement damage.
4. Be careful when turning with a towed implement. Lift it from the ground during turns. Side thrust could damage sidewalls.
5. Use transport locks, lower implement to ground or securely block frame before servicing implement. Turn OFF lever couplers.

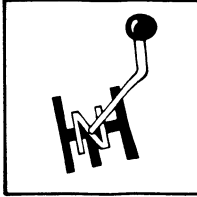
MAINTENANCE SAFETY

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 pressure. Do not overfill tank.
2. Wear gloves and eye protectors and use a piece of cardboard or wood as a backstop for spurting fluid when searching for hydraulic leaks.



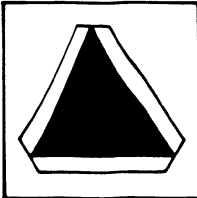
POWER TAKE-OFF (PTO) SAFETY

1. Never start tractor with PTO engaged.
2. When using the PTO in a stationary application, ensure that articulation lock is engaged, parkbrake is set and gearshift lever is in neutral. Do not leave the tractor unattended. If you must leave the area for any reason, stop and lock out tractor.
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 drivelines.



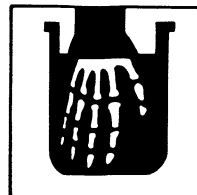
SAFE HIGHWAY OPERATION

1. Equip towed implements with slow moving vehicle (SMV) signs when travelling on public roads.
2. Use extreme caution when pulling heavy loads at road speeds. Avoid hard application of tractor brakes at high speeds.
3. Use the hazard warning flashers when transporting or driving tractor on public roads unless prohibited by law in your area. Check with local authorities.
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 and 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, drive tractor to a level surface, put steering straight. Engage parkbrake. Put gearshift in neutral 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 to engage lockpin.



Articulation Lock

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

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