



**1150
TRACTOR
OPERATOR'S MANUAL
1983**

42115010

Reprinted

International Operator Symbols






















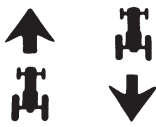





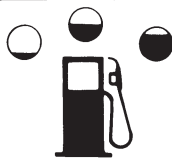















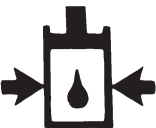

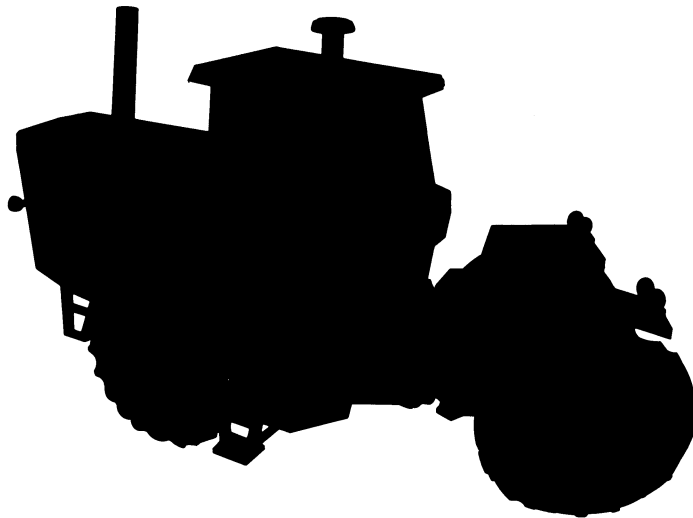
 ENGINE r/min	 ENGINE OIL PRESSURE	 ENGINE COOLANT TEMPERATURE	N NEUTRAL	 PARK	 SEAT BELT
 TRANSMISSION OIL TEMPERATURE	 TRANSMISSION OIL FILTER	 TRANSMISSION	 TRANSMISSION OIL PRESSURE	 AMMETER OR GENERATOR LIGHT	 PARKBRAKE
 DIFFERENTIAL LOCK	ON  OFF  POWER TAKE-OFF	LOWERED  RAISED  ROCKSHAFT	 CONNECT DISCONNECT	←--- EXTENDED  ---→ RETRACTED  REMOTE CYLINDER	 STARTER CONTROL
 TOW	 FORWARD REVERSE	 VERTICAL MOVEMENT	 TURN SIGNALS	 HORN	 ENGINE SHUTOFF CONTROL
 LIGHTER	 FUEL LEVEL	 FUEL	 DIPSTICK LOCATION	 OIL LEVEL	FAST  SLOW  SPEED RANGE
 PRESSURIZED OPEN SLOWLY	 AIR FILTER	 CHOKE	 WINDSHIELD WIPER	 WINDSHIELD DEFROSTER	 HYDRAULIC OIL FILTER
 CONTINUOUSLY VARIABLE LINEAR	 HIGH BEAM HEADLIGHT	 WORKLIGHT	 HAZARD FLASHER	 HYDRAULIC OIL PRESSURE	 COOLANT PRESSURE

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 **VERSATILE**

1150 Tractor

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Serial Number Location

IMPORTANT

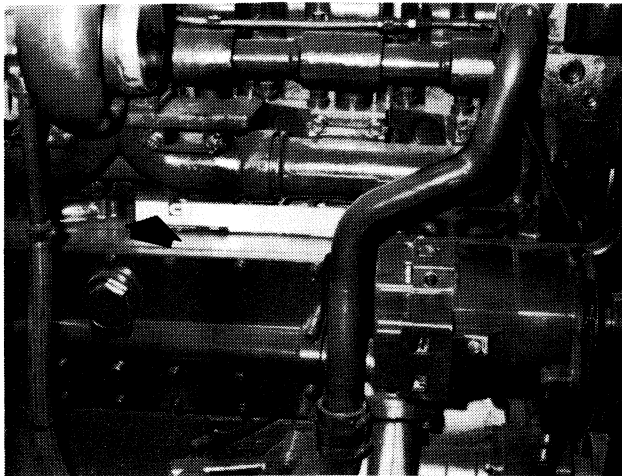
To obtain the fastest service when ordering parts, remember to:

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

ENGINE

Serial plate is located on the engine's left side cylinder block.

SERIAL

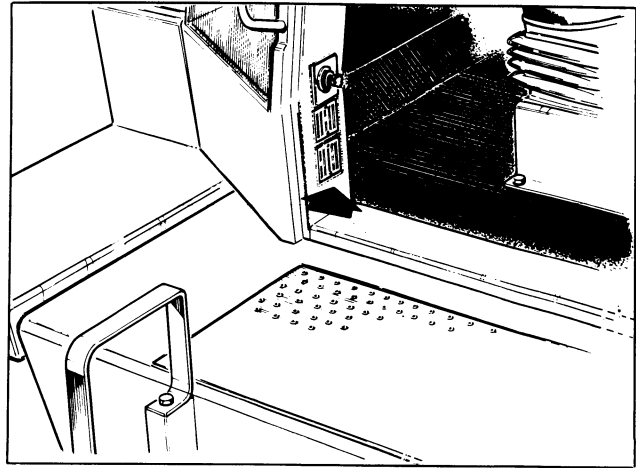


Engine Plate

TRACTOR

Serial number plate is located on the rear of the front frame section and at the bottom of the front doorpost.

SERIAL

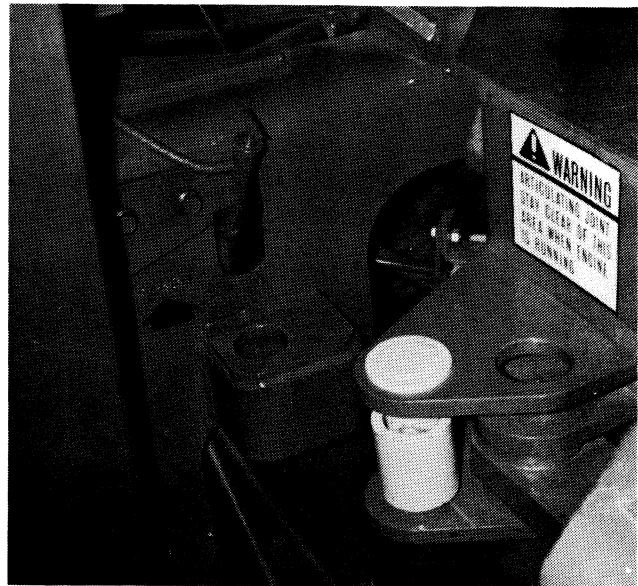


Tractor Plate

FRAME

Serial number is stamped on the rear left-hand corner of the front frame.

SERIAL



Frame Stamp

Introduction

We at Versatile Farm Equipment Company are pleased you have chosen a VERSATILE® 1150 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 preventive maintenance program outlined in it. The suggested schedule has been designed to meet most operating conditions although it may be necessary to adjust your maintenance program to suit your specific operating conditions.

We ask that for maintenance on the engine not covered by our tractor manual, you follow the instructions outlined in the Cummins' manual. Before putting the tractor into 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.





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.

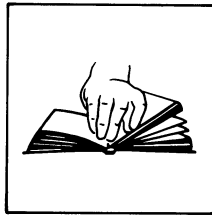


1 Safety

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 victim or a statistic.

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 1150 Tractor before operation and at least once yearly thereafter in compliance with OSHA Regulation 1928.57.

GENERAL SAFETY

1. Never allow an unauthorized driver to operate tractor.

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

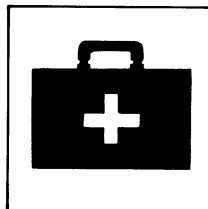


3. Never allow passengers inside or outside the cab.

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.

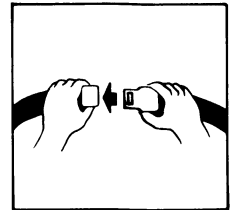
6. Provide a first aid kit for use in case of accident.



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 or for servicing components that are too high to reach from the ground.

9. Fasten seatbelt before starting engine.

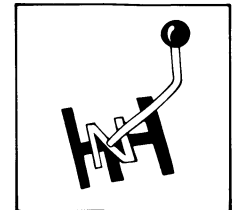


OPERATING SAFETY

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

2. Lock seat in position before operating tractor.

3. Always start tractor with transmission in neutral. This is particularly important during cold weather operation.



4. Always wait until all warning lights and buzzer go out before putting tractor into gear.

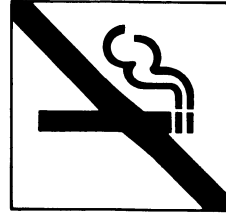
5. Never oil, grease or adjust tractor while it is moving. Do not leave engine running while tractor or drawn equipment is adjusted, repaired or cleaned.

6. Ensure parkbrake is set when tractor is stopped. Tractor can freewheel even when in gear.

7. Avoid abrupt turns, starts or stops.

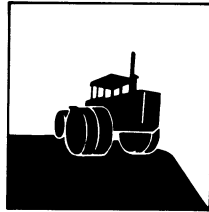
8. Keep all safety shields in place when operating tractor.

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 operator or bystanders may result.
11. Do not start engine by shorting across starter terminals. Tractor will move when starting safety switch is bypassed.
3. Add coolant to radiator only when engine is stopped and cool. Turn radiator cap to its first stop to relieve pressure before removing.
4. Never refuel tractor when engine is hot or running. Do not smoke while filling fuel tank or servicing fuel system. Use precautions in handling any type of tractor fuel. Vaporized diesel fuel is as dangerous as gasoline. Do not overfill tank.



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 tractor at row ends, road slopes and around obstructions.



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.
9. Ground fuel tanks to prevent static buildup.
10. Ensure turbocharger is cool before servicing.
11. Keep flammable material away from turbocharger.
12. Never mount a damaged tire. Tire may burst with explosive force.

MAINTENANCE SAFETY

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



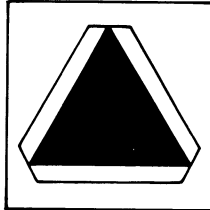
IMPLEMENT SAFETY

1. Always hitch to drawbar or hitch points.
2. When hitching drawn equipment to the drawbar, back tractor past clevis, then move forward so that in making the connection, tractor will be moving away from equipment.
3. Always lower implements to the ground when not in use and turn OFF lever couplers. Hydraulic pressure can rupture hoses, releasing high pressure oil causing 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 and securely block frame before servicing implement.
3. Wear OSHA approved respiratory protection when working near toxic chemicals. Maintain equipment regularly.

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 hazard warning flashers when transporting or driving tractor on public roads unless prohibited by law in your area. Check with local authorities.
4. Ensure headlights are adjusted so they will not blind operators of oncoming vehicles.

CHEMICAL SAFETY

1. The cab air filters in the cab are not designed to filter harmful chemicals. When using agricultural chemicals, follow the manufacturer's instructions carefully.
2. Do not carry harmful chemicals in the cab. Chemicals may rupture the container and fumes may poison operator.

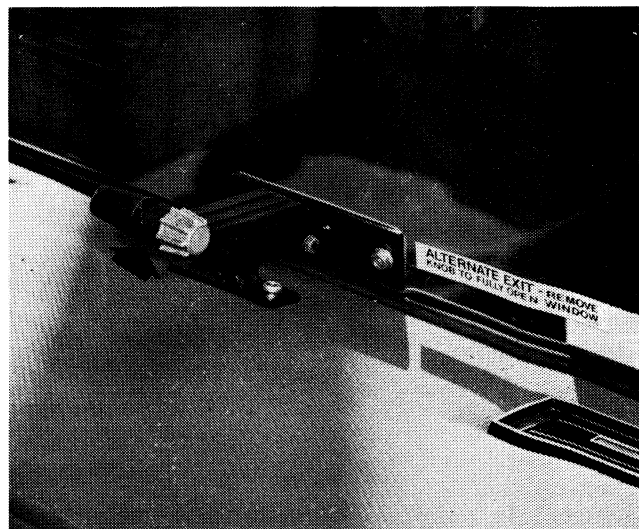


ARTICULATION LOCK

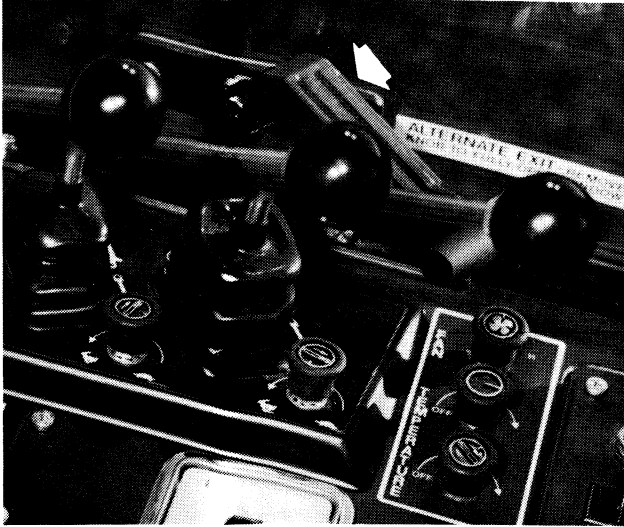
1. Use articulation lock during servicing, jacking or overhaul operations. Do not use when tractor is moving.
2. Before engaging lock, drive tractor to a level surface, put steering straight, engage parkbrake, put gearshift in neutral and stop engine. Remove lockpin from storage position, insert into holes left of articulation joint. It may be necessary to start the engine and articulate the frame slightly to engage lockpin.

ALTERNATE EXITS

The cab has three exits which may be used in an emergency; the door and the rear and side windows. Open the windows by unscrewing knob holding the two arms together. Separate arms and push window down open.



Alternate Exit, Rear Window



Alternate Exit, Side Window

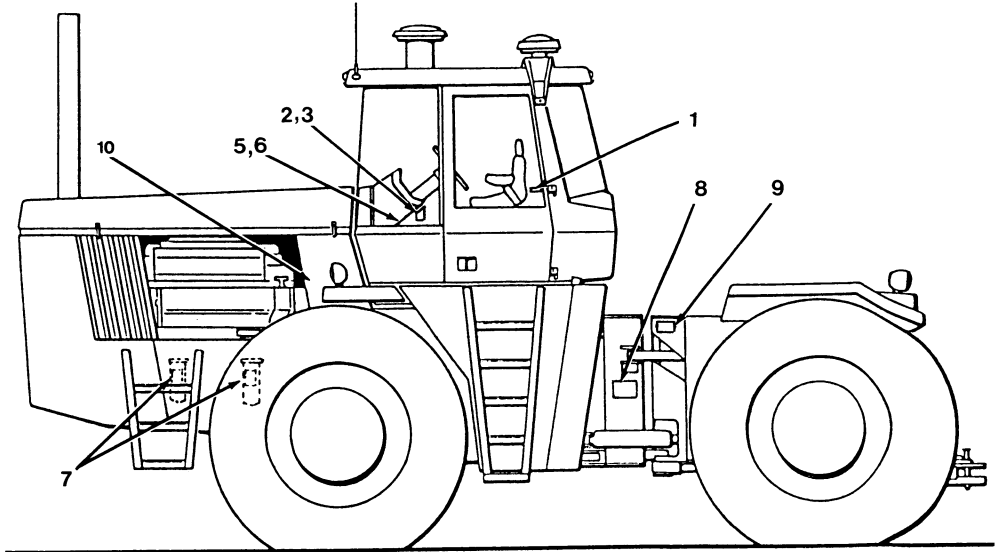
SAFETY DECALS

1. Keep decals clean. Remove dirt with a wet cloth when necessary.



2. Replace safety decal if destroyed, missing, painted over or unreadable.
3. If a section of the tractor is replaced that carries a safety decal, apply a new decal immediately.
4. New safety decals are available from your Versatile dealer.

SAFETY DECALS



1 **ALTERNATE EXIT - REMOVE KNOB TO FULLY OPEN WINDOW**

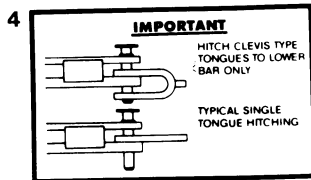
2 **CAUTION**
 TO CHANGE VEHICLE DIRECTION, STOP VEHICLE, BRING ENGINE TO LOW IDLE AND SELECT DESIRED DIRECTION.

3 **CAUTION**

OPERATING INSTRUCTIONS MUST BE GIVEN TO EVERYONE USING THIS TRACTOR AT THE TIME OF INITIAL ASSIGNMENT AND AT LEAST ANNUALLY THEREAFTER IN ACCORDANCE WITH OSHA REGULATION 1928.51 & 1928.57

- READ THE OWNERS, OPERATORS MANUAL PROVIDED WITH THIS TRACTOR
- SECURELY FASTEN YOUR SEATBELT
- MAKE SURE EVERYONE IS CLEAR OF MACHINERY BEFORE STARTING THE ENGINE OR OPERATING THE MACHINE
- WHERE POSSIBLE AVOID OPERATING THE TRACTOR NEAR DITCHES EMBANKMENTS OR HOLES
- REDUCE SPEED WHEN TURNING, CROSSING SLOPES, AND ON ROUGH SLICK OR MUDDY SURFACES
- STAY OFF SLOPES TOO STEEP FOR SAFE OPERATION
- WATCH WHERE YOU ARE GOING ESPECIALLY AT ROW ENDS, ON ROADS AND AROUND TREES
- DO NOT PERMIT OTHERS TO RIDE
- OPERATE THE TRACTOR SMOOTHLY — NO JERKY STARTS, TURNS, OR STOPS
- HITCH ONLY TO THE DRAWBAR OR THREE POINT HITCH POINTS
- WHEN TRACTOR IS STOPPED SET PARKING BRAKE SECURELY
- KEEP ALL GUARDS IN PLACE WHEN MACHINE IS IN OPERATION
- STOP ENGINE AND WAIT FOR ALL MACHINE MOVEMENT TO STOP BEFORE SERVICING, CLEANING OR ADJUSTING

36251



5 **CAUTION**
 DISENGAGE DIFFERENTIAL LOCK WHEN IT IS NOT NEEDED. DO NOT OPERATE TRACTOR AT HIGH SPEED OR ATTEMPT TO TURN WITH DIFFERENTIAL LOCK ENGAGED.

REAR FRONT

6 **CAUTION**
 PRIOR TO DISMOUNTING THE VEHICLE, THE FORWARD REVERSE CONTROL LEVER MUST BE IN NEUTRAL AND SERVICE BRAKES APPLIED.

7 **CAUTION**
 DO NOT OPERATE TRACTOR UNTIL AIR IS BLED OUT OF HYDRAULIC SYSTEM. FAILURE TO DO SO MAY RESULT IN LOSS OF STEERING. SEE OPERATOR'S MANUAL FOR BLEEDING INSTRUCTIONS.

8 **WARNING**
 ARTICULATING JOINT STAY CLEAR OF THIS AREA WHEN ENGINE IS RUNNING

9 **CAUTION**
 LOCK MUST BE ENGAGED BEFORE SERVICING ARTICULATION AREA AND DURING STATIONARY PTO APPLICATIONS.
 LOCK MUST BE DISENGAGED BEFORE MOVING TRACTOR.

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10 **WARNING**
 AVOID POSSIBLE INJURY OR DEATH FROM A MACHINE RUNAWAY

1. Do not start engine by shorting across starter terminals. Engine can start and machine can move when starting safety switch is bypassed.
2. Start engine only from operator's seat with transmission in neutral and parkbrake applied.

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