

OWNER/OPERATOR'S MANUAL & PARTS LIST

Weather Cab

Cab # 70.2003









Orrville, OH www.ventrac.com

TO THE OWNER

Product Identification

If you need to contact an Authorized Ventrac Dealer for information on servicing your product, always provide the Product Model and Serial numbers.

Please fill in the following information for future reference. See picture below to find the location of the identification number. Record them in the spaces provided below.

	Pate of Purchase: Month	Day	Year	
С	ealer:			
С	ealer Address:			
С	Pealer Phone Number:			
	Pealer FAX Number:			
1				
	Model # (A):			
	Serial # (B):			
	Affix Part/Serial Number label here			

Venture Products Inc. reserves the right to make changes in design or specifications without obligation to make like changes on previously manufactured products.

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INTRODUCTION

Product Description Weather Cab

The Weather Cab is designed to keep you comfortably working in all workable weather conditions. The Weather Cab keeps the sun off your head, the rain off your back, and the cold winter winds off your face.

Each unit has a sturdy, fully welded cab. The cab comes standard with a large left side door, a large viewing area glass windshield, six sliding glass windows, two bottom side windows, a windshield wiper, four marker lights, and a strobe light.

As a safety feature, the Weather Cab includes a safety handle and an emergency window that can be removed, if necessary.

An optional pusher fan offers the operator heat from the radiator for maximum warmth and comfort with liquid cooled models.

NOTE: The cab **cannot** be used with the Ventrac KH500 Versa-loader attachment, because of conflicting mounting requirements.

Ventrac Weather Cab Specifications

Overall Height	inches
Overall Length	inches
Overall Width	inches
Weight	pounds

Venture Products, Inc. reserves the right to change these specifications without notice.



ATTENTION:

This symbol identifies potential health and safety hazards. It marks safety precautions. Your safety and the safety of others is involved.

SIGNAL WORD DEFINITIONS

DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury. This signal word is limited to the most extreme cases.

A WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

A CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury and/or property damage. It may also be used to alert against unsafe practices.



General Safety Procedures for Ventrac Tractors, Attachments, & Accessories



Read and understand the operator's manual before operating this equipment.

Observe and follow all safety decals.

DO NOT let children or any untrained person operate the tractor or attachment. Make sure that all operators of this equipment are thoroughly trained in using it safely.

Never allow additional riders on the tractor or attachments.

DO NOT operate tractor or attachments if you are under the influence of alcohol, drugs, or medication that may impair judgment or cause drowsiness, or if you are not feeling well.

Operate all controls from the operator's seat only.

Before operating equipment, make sure all shields are in place and fastened.

Ensure the attachment or accessory is locked or fastened securely to the tractor before operating. See tractor manual for locking procedure.

Ensure that all bystanders are clear of the tractor and attachment before operating. Be especially careful and observant if other people are present. Never assume that bystanders will remain where you last saw them.

Always look in the direction the tractor is moving.

Never direct the discharge of any attachment in the direction of people, animals, buildings, vehicles, or objects of value.

Stop operation immediately at any sign of equipment failure and correct the problem before continuing to operate. An unusual noise can be a warning of equipment failure or a sign that maintenance is required.

Before adjusting, cleaning, lubricating, or changing parts on the tractor or attachment, engage the parking brake, lower the attachment to the ground, stop the engine, and remove the ignition key.

To prevent the risk of uncontrolled equipment movement on tractors equipped with 2 speed axles, always shift the transaxle range with the tractor stationary on level ground and with the parking brake engaged.

If equipment is to be left unattended, engage the parking brake, lower the attachment to the ground, stop the engine, and remove the ignition key.

SAFETY

Safety Procedures

A WARNING

Before making any repairs or adjustments, engage the parking brake, lower attachment to the ground, shut the engine off, and remove the key.

A WARNING

Read and understand the operator's manual before operating this equipment.

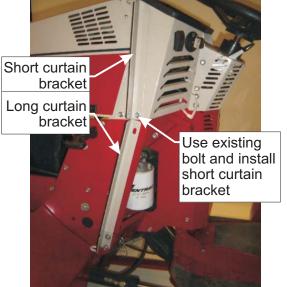
WARNING

The cab cannot be used with the Ventrac KH500 Versa-loader attachment.

The weather cab is equipped with an emergency exit window for emergency use in the event the operator is unable to exit through the door. The emergency window is located on the right side of the tractor. To use, pull the tab located at the top center of the window and then push the window out. Instructions are also located at the top front of the window.

1. Remove the foot pegs on both sides of tractor (if equipped) and install the Curtain Mounting Brackets. Using the existing bolts removed from the foot pegs, mount the long bracket to the tractor with the velcro facing forward, and the small hook down. (Fig. 1) Install the short bracket on the side of the dash by using the rear bolt that secures the dash to the frame. (Fig. 1) The velcro

should face forward with the small hook at the top. Locate the brackets on the tractor according to Fig. 2 and drill the top holes for each bracket with a 9/32" drill bit. Secure with two (2) 1/4" x 3/4" bolts.





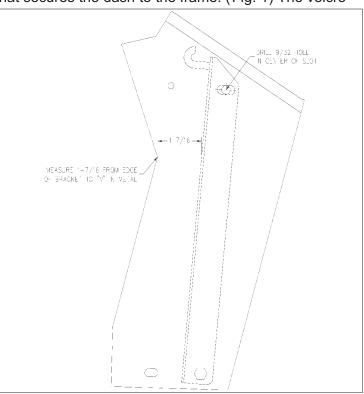


Fig. 2

2. Remove the negative battery cable from the battery. Install the relay mounting bracket to the tractor by removing the two 5/16" x 3/4" bolts (between the seat spring and the battery) that fasten the battery box panel to the seat box. Re-install bolts through the relay mounting bracket holes and tighten. (Fig. 3) NOTE: If the tractor is already equipped with a relay mounting bracket, the new relay should be removed from the new bracket and added to the existing relay mounting bracket. (Fig. 4) Connect wires to relay as shown in wiring diagram. (Fig 16)

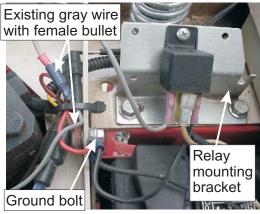


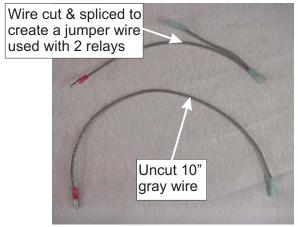
Fig. 3



Fig. 4

3. Connect the black wire from the relay to the ground bolt shown in Fig. 3 & Fig. 16. NOTE: If the ground bolt is too short to add the wire, the 1/4" x 3/4" bolt supplied with the installation kit should be used to replace the existing ground bolt.

4. Connect the male bullet end of the 10" gray wire coming from the relay to the existing female bullet (gray wire) that is part of the tractor wiring harness. (Fig. 3 & Fig. 16) NOTE: If the tractor is already equipped with additional relays (Fig. 4), a jumper wire will need to be created to connect the relays together. To create the jumper, cut the 10" gray wire 4" from the female push-on end. Add a splice in the wire by using the blue female push-on end as shown in Fig. 5. Remove the gray wire from the existing relay and replace with jumper as shown in Fig. 16.



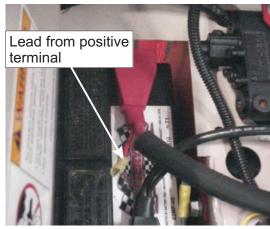


Fig. 5

Fig. 6

5. Connect the male end of the in line fuse to the lead from the positive terminal of the battery. (Fig. 6 & Fig. 16) NOTE: On tractors prior to 4100 serial # ***1086 & 4200 serial # ***1362, the male spade connector will need to be cut off and replaced by the yellow 5/16" eyelet provided in kit. The wire should be fed through the battery terminal cover before crimping new end on. Remove the clamping nut from the positive terminal, place the wire on the bolt, re-tighten the nut, and replace the battery terminal protective cover.

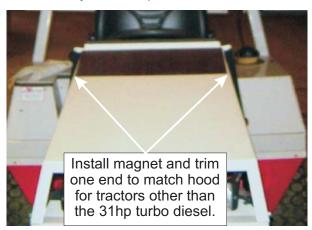


Fig. 7

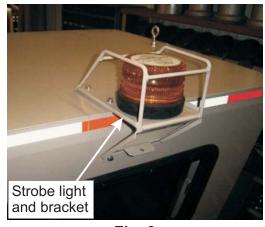
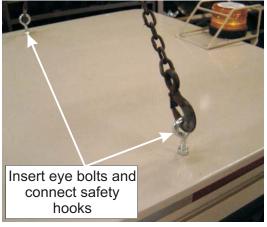


Fig. 8

- 6. Install sheet magnet on hood as shown in Fig. 7. This is to protect the hood from the vinyl curtain when the cab is installed. If your tractor has a narrow hood, the magnet will need to have 5/8" cut off one end. The magnet should measure 8-1/8" x 17-3/8" after cutting.
- 7. Check the mounting position of the tractor's steering cylinder. It must be mounted to the outside hole setting of the rear frame foot platform.
- 8. Install the strobe light bracket on the back of the roof. (Fig. 8) Use the 1/4" x 3/4" bolts with lock and flat washer provided with bolt kit. Mount strobe light to the bracket and insert wires through the grommet in the back of the cab. Pull the foam back to access the wire harness on the inside of the cab. Connect strobe wires to the wiring harness, red to red & black to black.



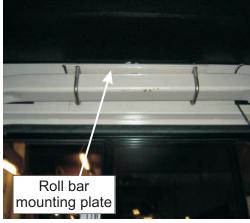


Fig. 10

Fig. 9

9. Remove stainless bolt plugs from the 1/2" threaded holes located on the outside edges on the roof of the cab. Screw the two 1/2" eye bolts supplied with the cab into the holes. (Fig. 9) Connect a lift chain or strap with safety hooks to each bolt. Using a hoist or other lifting device, lift the cab up, position it over the tractor's roll bar, and lower it into place.

A WARNING

Whenever lifting overhead, be sure to follow standard safety procedures, and stand clear of the cab. Ensure the lifting device and lift strap or chain is rated for a minimum of a 500 pound capacity. If you are unsure of the procedures or capacity of equipment, check with the manufacturer of the lifting equipment.

10. Attach the cab to the roll bar using the mounting plate located on the top/inside of the cab. (Fig. 10) Use two 3/8" U-bolts to secure the cab to the top of the roll bar, and two 3/8" U-bolts at each side to secure the bottom portion of the cab. (Fig. 11) NOTE: Leave nuts loose for adjusting at a later step. Do not remove hoist from the cab until after step 12.

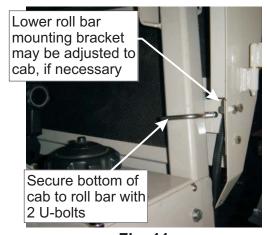


Fig. 11



Fig. 12

- 11. Install the front corner posts to the cab (Fig. 12) and attach to the center floor frame. Use 5/16" x 3/4" bolts with small flat washer under bolt head on the outside and a large washer under the nut on the inside. Attach the bottom door panel to the door frame and the bottom right side panel to the cab. Panels are mounted on the inside with 1/4" x 3/4" bolts with a flat washer under the bolt head and under the nut. NOTE: All bolts are installed with the bolt head on the outside. Install trim lock strip to the bottom right side panel. The bottom door panel will need to be adjusted in or out to ensure the panel seals when door is closed.
- 12. At this point, it may be required to move the cab around on the tractor to be able to attach the corner posts. Shift cab from side to side on the tractor to center it. Push the top of the cab front to back as needed. NOTE: If more adjustment is needed to close up any gaps or to allow the door to open and close properly, loosen the three bolts holding the lower roll bar mounting brackets to the cab. (Fig. 11) If additional forward or backward adjustment is needed, the roll bar bolts may need to be loosened and adjusted. When all panels are connected and gaps have been adjusted, tighten all U-bolts, bracket bolts, and roll bar bolts. Remove the two eye bolts from the top of the cab and replace them with the two stainless bolt plugs. Install the right side panel to the tractor's right center floor frame. Secure with a 5/16" x 3/4" bolt and lock nut. (Fig. 13) If the bolt hole does not exist, an 11/32 hole will need to be drilled.





Fig. 13

Fig. 14

- 13. Cut the plastic tyton ties that hold the curtains to the corner posts and attach the rubber bands over the hooks on the curtain mounting brackets. Velcro the curtains to the curtain mounting brackets. (Fig. 14)
- 14. Route the power feed to the cab around the roll bar and down to the relay that was installed in step two. Follow the wiring diagram for proper connection. (Fig. 16)
- 15. Reconnect the negative battery cable to the battery.
- 16. Install the back rubber curtain at the bottom of the cab. (Fig. 15) Use the curtain clamp to fasten the rubber to the tractor rear frame with 1/4" x 3/4" bolts. After inserting all fasteners in the lower mounting holes, insert the top of the curtain on the inside of the cab. Fasten with 1/4" x 3/4" bolts with a flat washer under the bolt head and the nut. (Fig. 15)

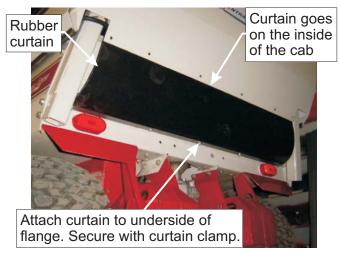


Fig. 15

Relay Wire Diagram

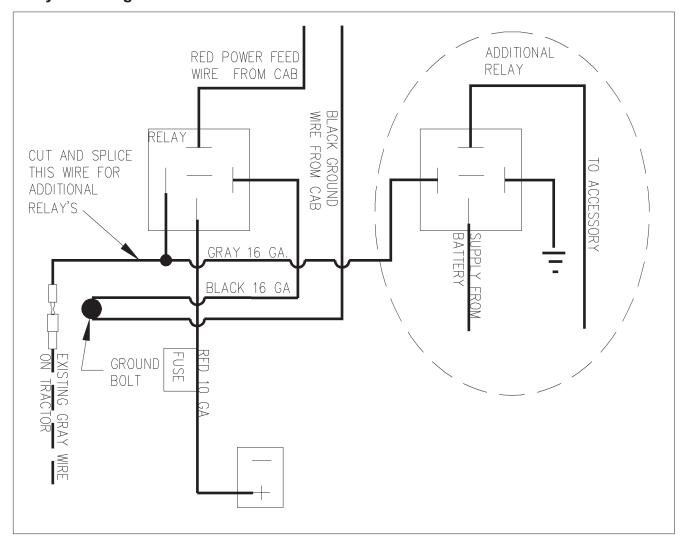
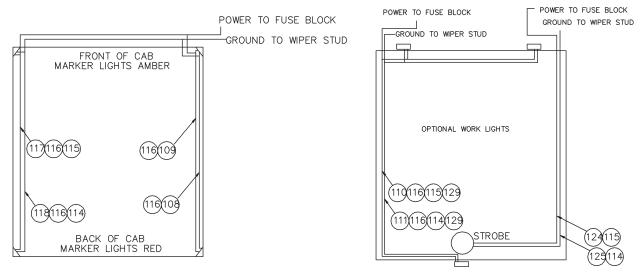


Fig. 16

Cab Wire Diagram



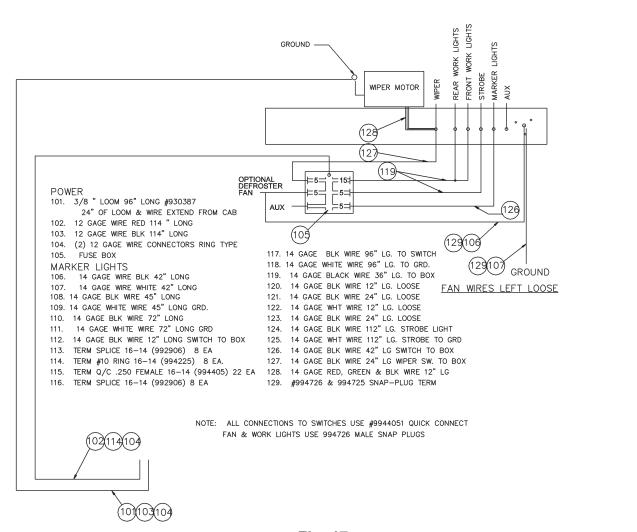


Fig. 17

REMOVAL & STORAGE

Removal

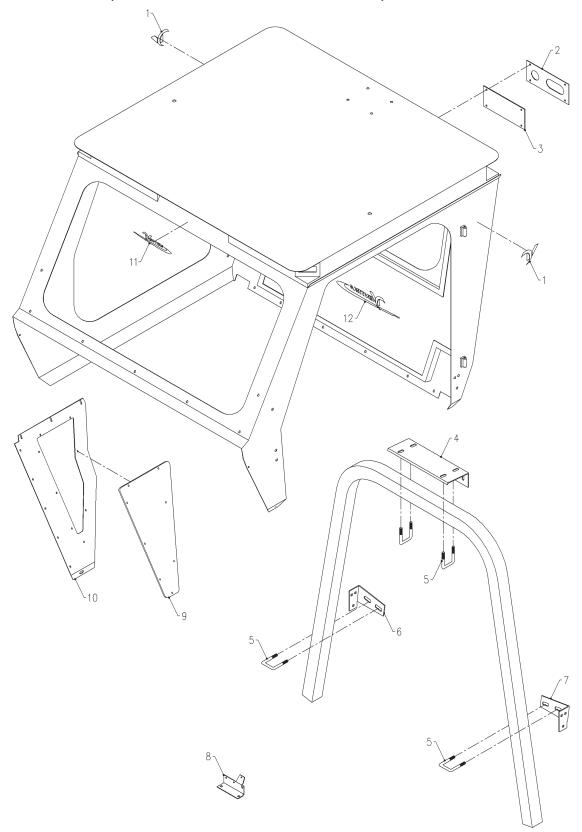
- 1. Remove stainless bolt plugs from the 1/2" threaded holes located on the outside edges on the roof of the cab. Screw the two 1/2" eye bolts supplied with the cab into the holes. (Fig. 9) Connect a lift chain or strap with safety hooks to each bolt.
- 2. Remove the back rubber curtain from the tractor rear frame only. (Fig. 15) The curtain does not need to be removed from the cab.
- 3. Disconnect the power feed wire from the relay on the tractor.
- 4. Remove the rubber bands and pleated curtains from the curtain mounting brackets. (Fig. 14) Curtain mounting brackets do not need to be removed from the tractor.
- 5. Remove the bolts that fasten the front corner posts and the bottom right side panel to the tractor's center floor frame.
- 6. Loosen the U-bolts (Fig. 10 & Fig. 11) that secure the cab to the roll bar and lift the cab up slightly.
- 7. Remove the corner posts and the bottom right side panel from the cab. Remove the bottom door panel from the door frame.
- 8. Lift the cab up and off the tractor.
- 9. Remove the sheet magnet (Fig. 7) from the tractor hood.

Storage

Store the cab on a pallet. The corner posts, bottom panels, magnet, and mounting hardware should be stored inside the cab. Cover the front opening under the windshield to keep the interior clean.

PARTS MANUAL

ILLUSTRATED DRAWING CAB MOUNT, RIGHT BOTTOM SIDE PANEL, & STROBE BRACKET

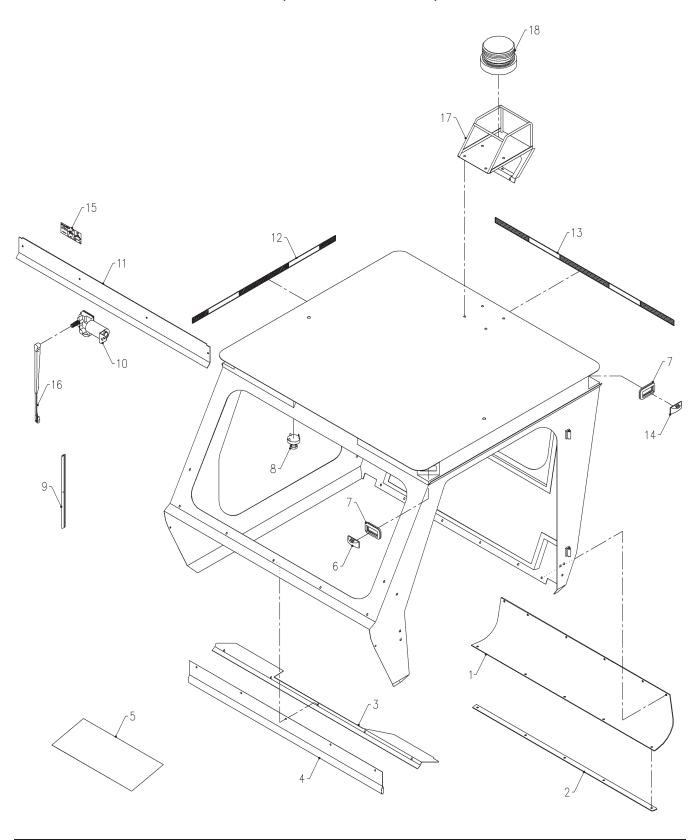


PARTS

CAB MOUNT, RIGHT BOTTOM SIDE PANEL, & STROBE BRACKET

REF.	PART NO.	DESCRIPTION	QTY.
2	07.28110 07.28130 07.28125 11.0053	Decal, V Panel, Rear Plate Gasket, Rear Panel Bracket, Roll Bar, Top U-Bolt, 3/8-16 x 2" ID Sq. bend Bracket, Roll Bar, RH	1 1 1 4
8 9 10 11	64.0849	Bracket, Roll Bar, LH. Bracket, Relay Mounting. Window, Plexiglass, .25 x 9.65 x 21.35 Panel, Bottom Wing, RH. Decal, Ventrac Orbital, Small. Decal, Ventrac Orbital, Large	1 1 1

ILLUSTRATED DRAWING WINDSHIELD CANVAS, REAR CURTAIN, & MARKER LIGHTS

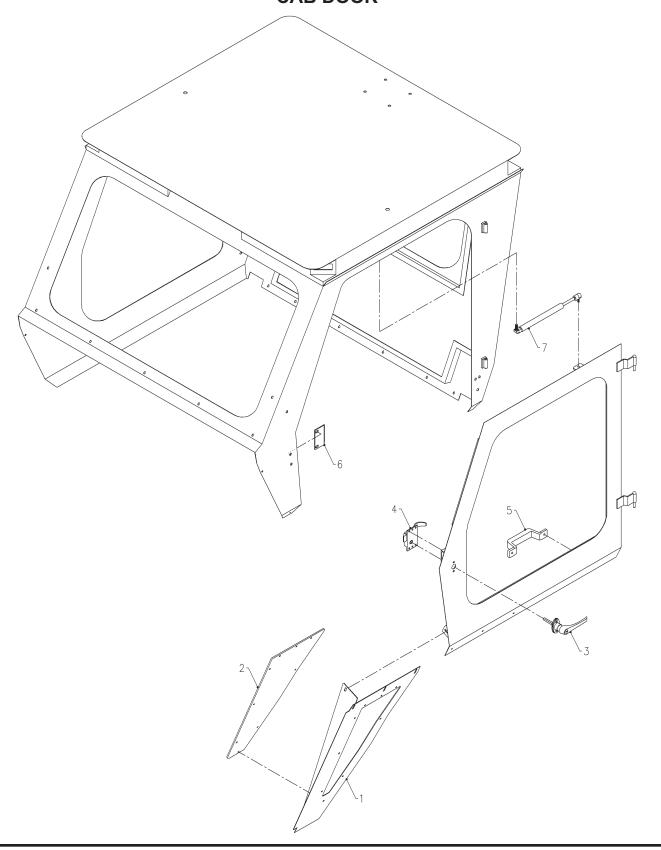


PARTS

WINDSHIELD CANVAS, REAR CURTAIN, & MARKER LIGHTS

REF.	PART NO.	DESCRIPTION	QTY.
2	. 64.1175	Canvas, Windshield	1 1 1 1
8 9 10		Switch, 2 Speed	1 1 1 1
14 15 16	. 33.0045		2 1
	. 33.0041	Light, Strobe 2 Joule Amber	1

ILLUSTRATED DRAWING CAB DOOR

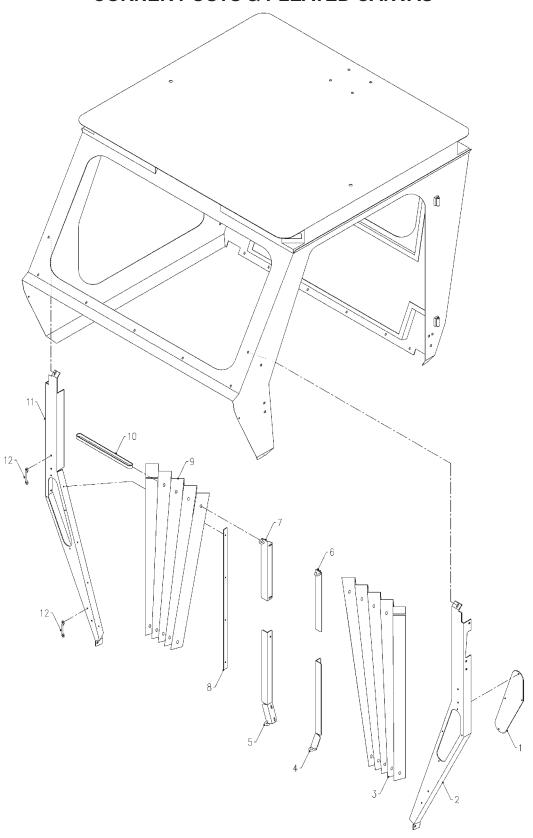


PARTS

CAB DOOR

REF.	PART NO.	DESCRIPTION	QTY.
2	07.28138	Weldment, Bottom Wing, Door. Window, Plexiglass .25 x 9.65 x 21.35. Handle, Door LH w/Key Latch w/Handle RH. Handle, Grab. Striker, Door	1 1 1
		Shock, Gas Spring	

ILLUSTRATED DRAWING CORNER POSTS & PLEATED CANVAS

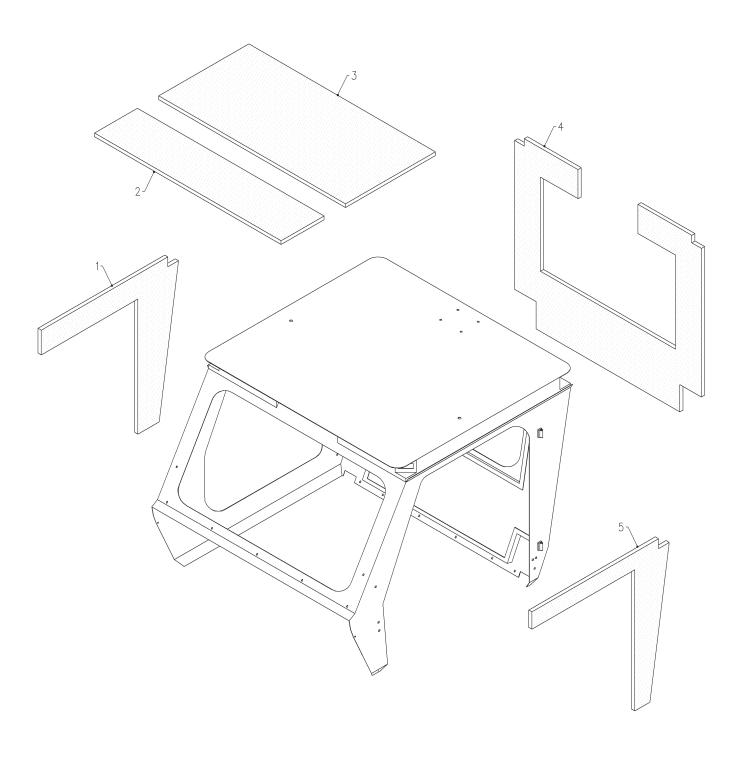


PARTS

CORNER POSTS & PLEATED CANVAS

REF.	PART NO.	DESCRIPTION	QTY.
2 3 4 5	07.28112	Window, Plexiglass .25 x 4.49 x 17.90	1 1 1 1
8 9 10 11	07.28129	Bracket, Canvas RH Upper Clamp, Canvas Fastener. Canvas, Pleated RH Rubber Band, Canvas Support. Support, Front RH Retainer, Strap Mount, Chrome	2 1 4 1

ILLUSTRATED DRAWING INSULATION

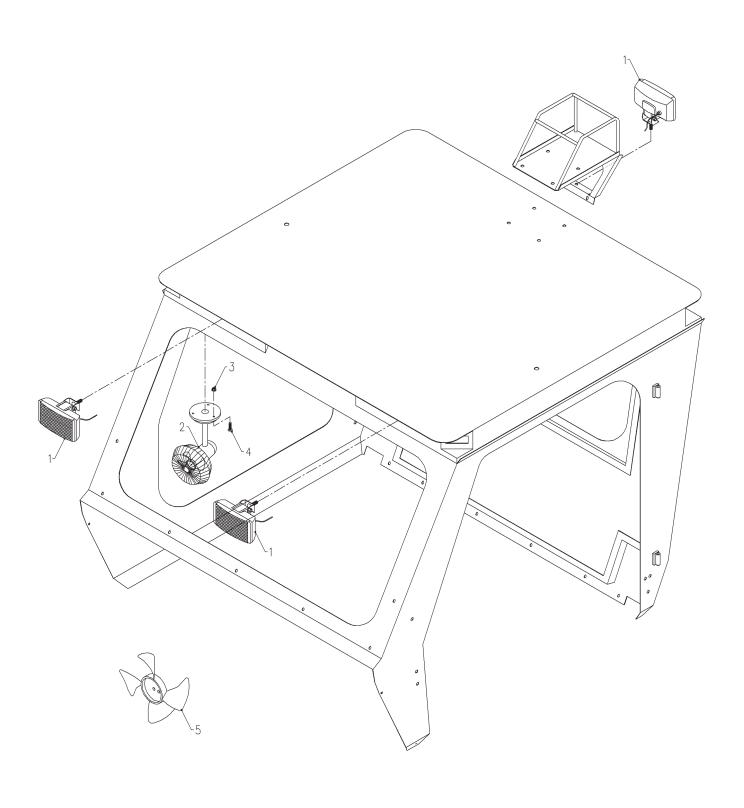


PARTS & ILLUSTRATED DRAWINGS

INSULATION

REF.	PART NO.	DESCRIPTION	QTY.
2 3 4	07.28122	Insulation, Roof Front Insulation, Roof Rear. Insulation, Rear	1 1 1

ILLUSTRATED DRAWING OPTIONAL WORK LIGHTS, DEFROSTER FAN, & PUSHER FAN



PARTS - OPTIONS

OPTIONAL WORK LIGHTS, DEFROSTER FAN, & PUSHER FAN

REF.	PART NO.	DESCRIPTION	QTY.
2	37.0051	Light, Head 12v 55w Halogen	1 3 3 1
		Pusher Fan - 4200 31 hp Vanguard Gas	



LIMITED WARRANTY – VENTRAC TURF EQUIPMENT

Venture Products, Inc. (shall be referred to as *V.P.I.*) warrants on the terms and conditions herein, that it will repair, replace, or adjust any part manufactured by *Venture Products* Inc. and found by *Venture Products Inc* to be defective in material and / or workmanship.

Effective September 1st 2005, *Ventrac* warranty on Tractors & Attachments (excluding the HG100/HG150 generator) for **Residential use only** is limited to **Three (3) years** from original purchase date. Ventrac Tractors & Attachments used **Commercially or for any income producing purpose** is limited to **Two (2) years** from original purchase date. *Ventrac* ET200 turbine blower (turbine only) is limited to **Two (2) years** from original purchase date. *Ventrac* HG100/HG150 generator is limited to **One (1) year** from original purchase date. *Ventrac* Tractors & Attachments used for **Rental** is limited to **180 days** from original purchase date. (**NOTE:** All accessories such as: 3-point hitch, foot pedal, dual wheel kit, etc. will be covered under the above warranty periods as they would apply provided they are installed by an Authorized *Ventrac* Dealer.) This warranty may be transferred and will carry the remainder of the warranty starting from the Original Purchase/Registration date with the dealership and/or *V.P.I*. In the event that product/s originally registered as (3) year Residential use are to be transferred to a commercial user the warranty would change to the remainder of (2) year Commercial use starting from the Original Purchase/Registration date with the dealership and/or *V.P.I*.

If this warranty covers a consumer product as defined by the Magnusson-Moss warranty act, no warranties, express or implied, (including, but not limited to, the warranty of merchantability or fitness for a particular purpose) shall extend beyond the applicable time period stated in bold face type above.

If this warranty covers a product used commercially or for any income producing purpose, the foregoing warranties are in lieu of all other warranties and no representations, guarantees or warranties, express or implied, (including, but not limited to, a warranty of merchantability or fitness for a particular purpose), are made by *V.P.I.* in connection with the manufacture or sale of its products.

The engine warranty is covered by its respective engine manufacturer. Please refer to the engine manufacturer's warranty statement that is included in the owner's manual.

The *Ventrac* turf equipment, including any defective parts, must be returned to an Authorized *Ventrac* Dealer within the warranty period. The warranty shall extend to the cost to repair or replace (as determined by *V.P.I.*) the defective part. The expense of pickup and delivery of equipment, service call drive time or any transportation expense incurred for warranty repair is the sole responsibility of the owner and is not covered under warranty by *Ventrac and/or V.P.I. V.P.I.* 's responsibility in respect to claims is limited to making the required repairs or replacements, and no claim of breach of warranty shall be cause for cancellation or rescission of the contract of sale of any *Ventrac* equipment. Proof of purchase may be required by the dealer to substantiate any warranty claim. Only warranty work performed and submitted by an Authorized *Ventrac* Dealer may be eligible for warranty credit.

This warranty extends only to *Ventrac* turf equipment operated under normal conditions and properly serviced and maintained. The warranty expressly does **NOT** cover: (a) any defects, damage or deterioration due to normal use, wear and tear, or exposure; (b) normal maintenance services, such as cleaning, lubrication, oil change; (c) replacement of service items, such as oil, lubricants, spark plugs, belts, rubber hoses or other items subject to normal service replacement; (d) damage or defects arising out of, or relating to abuse, misuse, neglect, alteration, negligence or accident; (e) repair or replacement arising from



LIMITED WARRANTY – VENTRAC TURF EQUIPMENT

operation of, or use of the turf equipment which is not in accordance with operating instructions as specified in the operator's manual or other operational instructions provided by V.P.I.; (f) repair or replacement arising as a result of any operation from Ventrac turf equipment that has been altered or modified so as to, in the determination of V.P.I., adversely affect the operation, performance or durability of the equipment or that has altered, modified or affected the turf equipment so as to change the intended use of the product; (g) repair or replacement necessitated by the use of parts, accessories or supplies, including gasoline, oil or lubricants, incompatible with the turf equipment or other than as recommended in the operator's manual or other operational instructions provided by V.P.I.; (h) repairs or replacements resulting from parts or accessories which have adversely affected the operation, performance or durability of the turf equipment; or (i) damage or defects due to or arising out of repair of Ventrac turf equipment by person or persons other than an authorized Ventrac service dealer or the installation of parts other than genuine Ventrac parts or Ventrac recommended parts.

The sole liability of *V.P.I.* with respect to this warranty shall be repair and replacement as set forth herein. *V.P.I.* shall have no liability for any other cost, loss, or damage. In particular *V.P.I.* shall have no liability or responsibility for: (i) expenses relating to gasoline, oil, lubricants; (ii) loss, cost or expense relating to transportation or delivery of turf equipment from the location of owner or location where used by owner to or from any Authorized *Ventrac* Dealer; (iii) travel time, overtime, after hours time or other extraordinary repair charges or charge relating to repairs or replacements outside of normal business hours at the place of business of an Authorized *Ventrac* Dealer; (iv) rental of like or similar replacement equipment during the period of any warranty repair or replacement work; (v) any telephone or telegram charges; (vi) loss or damage to person or property other than that covered by the terms of this warranty; (vii) any claims for lost revenue, lost profit or additional cost or expense incurred as a result of a claim of breach of warranty; or (viii) attorney's fees.

The remedies of buyer set forth herein are exclusive and are in lieu of all other remedies. The liability of *V.P.I.*, whether in contract, tort, under any warranty, or otherwise, shall not extend beyond its obligation as set forth herein. *V.P.I.* shall not be liable for cost of removal or installation nor shall *V.P.I.* be responsible for any direct, indirect, special or consequential damages of any nature. In no event shall *V.P.I.* be liable for any sum in excess of the price received for the goods for which liability is claimed.

There are no representations or warranties which have been authorized to the buyer of the turf equipment other than set forth in this warranty. Any and all statements or representations made by any seller of this equipment, including those set forth in any sales literature or made orally by any sales representative, are superceded by the terms of this warranty. Any affirmation of fact or promise made by *V.P.I.* or any of its representatives to the buyer which relates to the goods that are the subject to this warranty shall not be regarded as part of the basis of the bargain and shall not be deemed to create any express warranty that such goods shall conform to the affirmation or promise.

No employee, distributor, or representative is authorized to change the foregoing warranties in any way or grant any other warranty on behalf of *V.P.I.*

Some states do not allow limitations on how long an implied warranty lasts or allow the exclusion on limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

This warranty applies to all Ventrac turf equipment sold in the United States and Canada.