

OWNER/OPERATOR'S MANUAL & PARTS LIST

SOD CUTTER

EC240







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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 EC240 Sod Cutter

Ideal for landscapers or homeowners, the EC240 sod cutter cleanly cuts sod for flowerbeds, walkways, and lawns. With a cutting depth of 0 - 2-1/2", the EC240 can be used to cut thick lush grass or even to shave off the last bit of dirt to prepare your work site.

The EC240 Sod Cutter features include:

- · a 24" cutting width
- easy adjustment from 0 2-1/2" cutting depth
- · a heavy duty steel frame
- · maintenance free roller

Ventrac EC240 Specifications

Overall Height	es
Overall Length	es
Overall Width	es
Cutting Width	es
Cutting Depth	es
Weight	sk

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.

SAFETY

The following safety decals must be maintained on your Ventrac attachment. If any decals are faded or missing, contact your dealer promptly for replacements.





В

Α



C

Decal	Page & Location	Description	Part Number
Α	E-1, #16	Read Owners Manual	00.0217
В	E-1, #17	General Safety	00.0220
С	E-1, #21	Warning - Pinch Point	00.0218



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.

EC240 Safety Procedures

WARNING

Before making any repairs or adjustments, engage the parking brake, disengage the weight transfer system, 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.

Drive the tractor at speeds that are safe (tractor stability and steering ability must be maintained) and comfortable for the operator.

Prior to use, make sure the work area is clear of obstacles, hazards, and personnel.

The EC240 cutting blade is very sharp. Wear gloves and use caution when installing, removing, adjusting, or handling the cutting blade.

Keep hands away from pinch points when adjusting the cutting depth.

OPERATION

Attaching

- 1. If the EC240 Sod Cutter is sitting in an upright position, drive the tractor forward slowly into the hitch arms of the sod cutter. Align the hitch arms with the sod cutter arms by raising or lowering the front hitch and complete the engagement. If the sod cutter is not in an upright position, place the tractor hitch arms to slightly above level. Set the parking brake on the tractor, shut off the engine, and move to the front of the tractor. Pick up the sod cutter, align the hitch arms, and complete the engagement. Caution: sharp blade.
- 2. Once completely engaged, close the front hitch locking lever.*
- 3. Engage the parking brake* and shut off the engine.

Detaching

- Park the tractor on a level surface and set the parking brake.*
- 2. Lower the sod cutter to the ground.
- 3. Disengage the hitch locking lever.*
- 4. Slowly back the tractor away from the sod cutter.
 - * Refer to tractor manual for operation of controls.

Operating Techniques & Tips:

Determine the desired depth to cut the sod. Adjust the roller on the sod cutter by loosening the flange nuts on the roller pivot clamps. Rotate the roller until the indicator on the roller mount bracket points to the proper depth listed on the decal on the right side of the main frame. (See Figure 1) Tighten the flange nuts.

If the tractor is equipped with the weight transfer system, disengage the weight transfer prior to use.

Lower the EC240 sod cutter to the ground and apply light down pressure. Do not place the SDLA lever (for the front hitch) in the "float" position. Start moving the tractor forward to begin cutting the sod. Maintain light down pressure to allow the roller and cutting blade to maintain the cutting depth. (Note: Depending on the ground and type of sod, shallower depths may be more difficult to start the cut. Work the tractor back and forth to allow the cutting blade to penetrate the root bed.) Adjust the front hitch height as the sod cutter progresses through the cut to allow for uneven ground and changing soil conditions.

If the blade 'skips out' in shallow depths because of dense root networks, set the roller to create a deeper cut.

Do not make sharp turns with the cutting blade in the ground.



Figure 1

MAINTENANCE

After use, clean the EC240 and apply a thin layer of environmentally friendly vegetable or corn oil to the cutting blade to prevent rusting. Use caution when handling the cutting blade. Edges are sharp.

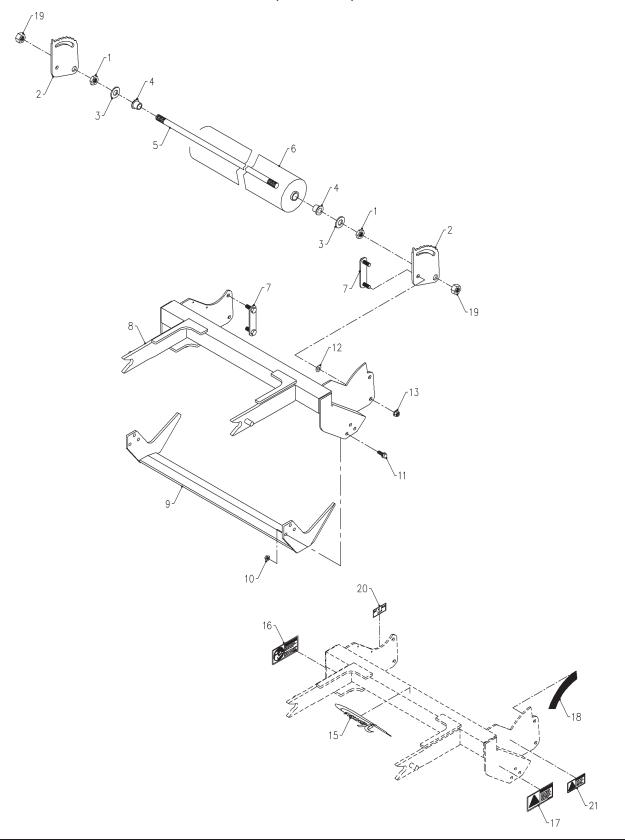
If the cutting blade becomes dull, it will need to be replaced. To replace, turn the sod cutter upside down. Remove the (6) $5/16 \times 3/4$ flange bolts holding the cutting blade in place and remove the blade. Attach the new cutting blade to the main frame as shown in Figure 2, using the flange bolts removed from the old blade. Torque to 21 ft. lbs.



Figure 2

PARTS MANUAL

ILLUSTRATED DRAWING MAIN FRAME, BLADE, & ROLLER



PARTS

ILLUSTRATED DRAWING MAIN FRAME, BLADE, & ROLLER

REF.	PART NO.	DESCRIPTION	C	λΤΥ.
2	64.1189	Rod, Roller Mount		2 2 2 1
8 9 10 11	79.0073	Frame, Sod Cutter Main		1 1 6 6
15 16 17 18	99.SF06	Decal, Ventrac Orbital		1 1 1
	00.0100	Decal, Made in USA		



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

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.