

## Operator's Manual



**\*\*WARNING\*\***

For safety reasons, read this manual  
**carefully** before operating!!

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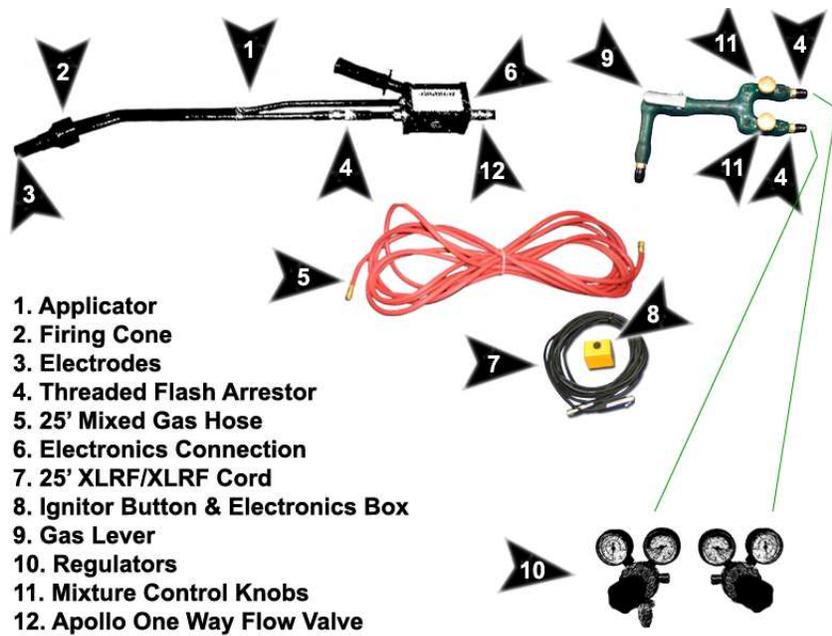
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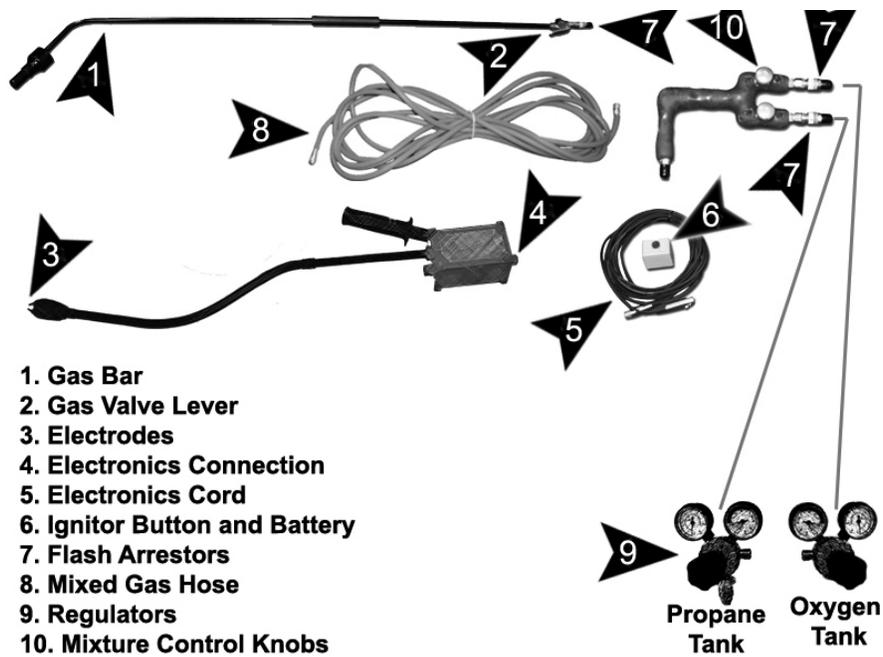
### Original Varmitgetter Parts Diagram



REMEMBER:

CHECK YOUR FLASH ARRESTORS!

### Component Varmitgetter Parts Diagram



**REMEMBER:**

**CHECK YOUR FLASH ARRESTORS!**

## **WARNING**

**This device creates an explosion and fire underground.**

**Do not use in tall dry grass, weeds, etc.!**

**Do not use under or near flammable structures!**

**Do not use in culverts or irrigation pipes!**

**Use only in open areas such as croplands, Pastures, golf courses, or large gardens, etc.**

## **OPERATE AT YOUR OWN RISK**

**VARMITgetter L.L.C is NOT responsible**

**For any damages caused by operator!**

**Always observe and follow instructions!**

**Every effort has been made to make this a safe and reliable unit.**

**REMEMBER you are working with explosive gases and electric sparks.**

**Keep all wiring, fittings and parts tight and in good condition, this will give you many years of safe and reliable service.**

## Component Unit Operating Instructions

### **Please read carefully before use!!**

- 1. Secure oxygen & propane tanks to pickup, trailer, 4-wheeler, or hand cart.**
- 2. Attach regulators on oxygen & propane tanks.**
- 3. Place VG system on ground, pickup tailgate, trailer, 4-wheeler, or hand cart.**
- 4. Place fire extinguisher (not included) within easy reach.**
- 5. Connect twin hose to tank & VG System (Red to Propane Flash Arrestor, Green to Oxygen Flash Arrestor).**
- 6. Connect single hose from VG System to VG Applicator.**
- 7. Connect XLR cord from VG Applicator to yellow ignition box. A 9 volt battery must be inserted in the yellow box. ONCE BATTERY IS CONNECTED DO NOT PUSH THE BUTTON UNLESS READY TO IGNITE. THERE IS NO KILLSWITCH.**
- 8. Place the flex igniter into the tunnel system.**
- 9. Place sand bags over burrow leaving a small opening on the side of sand bag for gas bar nozzle.**
- 10. Inject gas mixture in to tunnel system for recommended amount of time. Time will depend on type of animal. See page 7 and/or inside lid of control box for animal types.**
- 11. Pull gas bar out of tunnel seal opening where nozzle had been, leaving flex igniter wand in tunnel system and sand bags. Walk to a safe distance with gas bar in hand and press the ignition button.**

**GAS BAR SHOULD NEVER BE LEFT IN TUNNEL SYSTEM  
WHEN GAS IS IGNITED!**

**THIS COULD CAUSE SERIOUS INJURY!!!**

## Original Unit Operating Instructions

### **Please read carefully before use!!**

**1. Secure oxygen & propane tanks to pickup, trailer, 4-wheeler, or hand cart.**

**2. Attach regulators on oxygen & propane tanks.**

**3. Place VG unit on ground with lever facing up for foot or thumb control. REMOVE THUMB OR FOOT FROM LEVER WHEN FIRING. THE LEVER SHOULD NEVER BE DEPRESSED WHEN FIRING.**

**NEVER HOLD VG SYSTEM IN HAND WHILE FIRING!**

**4. Place fire extinguisher (not included) within easy reach.**

**5. Connect twin hose from tanks to flash arrestors on the VG System.**

**6. Connect single hose from VG System to VG Applicator.**

**7. Connect XLR Cord from VG Applicator to yellow ignition box. NOTE: WHEN THE 9 VOLT BATTERY IS IN THE YELLOW IGNITION BOX TAKE CAUTION TO AVOID PREMATURE IGNITION, THERE IS NO KILLSWITCH.**

## **You are now ready to go to work**

**8. Go to pest infested area and find a fresh mound or active burrow system.**

**9. Open oxygen tank valve, adjust pressure to 30 pounds.**

**10. Open propane tank valve, adjust to 15 pounds.**

**11. Knobs on VG Systems are factory set. If readjustment is required Open oxygen knob barely past  $\frac{1}{4}$  turn and propane to barely under a  $\frac{1}{4}$  turn or less. Bleed off a little oxygen & propane by depressing the lever on VG System for just a second; re-adjust regulators if needed and repeat bleed.**

**12. Use rodent shovel (included) to open fresh Tunnel system and insert firing cone. (At least the nose of the cone; but NO deeper than red tape and NOT past check valve.) Use the flex adapter if needed. Where the Applicator is inserted, back-fill with loose dirt, to help snuff out any flame. If the applicator needs support, brace it on the hook on back of rodent shovel.**

**\* WARNING \***

**Do NOT hold onto applicator while igniting!!**

**Keep a reasonable distance between applicator and VG system for safety purposes. Avoid standing near open holes to stay clear of the Direct blast. For possible dust and debris, wear safety glasses. Wear protective ear muffs at all time while blasting.**

**13. Depress lever valve on VG System for 30-60 seconds (some experimenting will show you what works best in various soils and conditions and type of var-mints you are after) release valve and press ignition switch. Noise level and flying dirt may vary with depth and extent of blast.**

**14. Repeat in a systematic way, covering all of the infested area. When done with area, come back in a day or two and repeat with any fresh mounds. You will see a sharp decline in pest activity and this indicates success.**

## TIPS

**Check for new tips at [www.Varmitgetter.com](http://www.Varmitgetter.com)**

**CHECK YOUR FLASH ARRESTOR (Near electronic housing box) WITH EVERY USE!**

Flash arrestors are installed on both lines on all our models. This is a safety feature for both you and your unit. They protect you from rapidly expanding gas making it back to the mixing unit. To check your flash arrester, simply grab it while moving from tunnel to tunnel. The side closer to the tunnel may be warm while the side closer to the mixing unit should be much cooler. If both sides are warm, your flash arrester needs replaced. Any questions on this, please feel free to contact us via phone or email.

### **BACK FILLING**

Varmitgetter is designed to be back filled, simply kick some of the loose dirt onto the foot of the wand, step on it and pack the dirt. This is to keep concussion in the tunnel and the noise level down, and blast is contained in the tunnel system not on the surface where a fire could be started. For larger pests, like prairie dogs and ground hogs, use sand bags/blast mats. Plus this keeps the flash point in the tunnel as opposed to a flash point on the surface.

### **BADGERS**

The only reason the badger is there is because there is a food source. Be it gophers, ground squirrels, or any rodent, you must get rid of the food source - no food supply ,no Badger.

### **CONTROL**

You can control year round, but to eradicate them, hit it hard in the Spring when the breeding season is on. Knock them out before they get out of hand. In the beginning hit it hard, do follow up the next day and you will see a difference.

### **GOPHERS, MOLES**

## TIPS continued

### SUFFOCATION

There is a suffocation mode to use around sensitive areas like sidewalks, patios, irrigation, etc.

### TAKE CARE OF YOUR UNIT

DO NOT leave your unit out in the rain. Make sure flash arrester screen have zero obstructions on their screen. They need to be looked at from time to time. Turn the tanks off and relieve pressure from lines when not in use, take time to check flash arresters, when moving from site to site.

Check flash arresters on VG Systems by taking them off from red and green hoses, make sure there is no debris on screens.

Once a year take hoses off and blow out with air at 100 psi, or more often if used all the time.

### WARRANTY AND USE TIPS

When blasting burrows it is important to note that there can be debris in the tunnel that may burn for up to a minute after blasting. DO NOT insert the unit into a burrow until ALL flames are gone. The operator can hear the difference between dispersing gas into a tunnel and dispersing flame into a tunnel. If there is a flame in the burrow it will cause damage to the unit after a minute of flame. The manufacturer's warranty is intended to cover manufacturing defects and parts failure under normal use. Parts failure due to misuse will not be repaired under warranty, but can be repaired by our shop for a reasonable fee. Using a non-commercial version for commercial use will also void the warranty. If you pay attention to your applicator it should not be a problem. Varmit getter stands firmly behind their products. Any questions on our warrantees or products, please [contact us](#).

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Notes:



## Notes:



**Notes:**

## **MANUAL AMENDMENTS**

### **SUFFOCATION MODE FOR SENSITIVE**

**AREAS: (irrigation system, foundations, sidewalks and patios.)**

**Unplug XLR/Electrical plug from VG ignitor wands or applicators so there is NO way it can ignite!!!!!!**

**Turn OXYGEN off at VG Streamline System.**

**Turn the PROPANE wide open and apply to burrow or tunnel system.**

### **TURN IT UP**

**OXYGEN REGULATORS can be used at 30 PSI up to 45 PSI. PROPANE REGULATORS STAYS AT 15 PSI.**

### **BACK FILLING**

**When you put the wand/applicator in the burrow and/or tunnel system take time to kick some of the residual dirt back into the hole and tamp it down with your foot (making sure you don't plug up the wand). If you hear a bang you are losing 50% or more of your concussion that should be in the tunnel system and /or burrow.**

**[DEFINITELY WITH GOPHERS]**

## **MAINTENANCE**

**If you can feel any heat on wand pipe above check valve or on hose near VG Streamline System immediately after firing, discontinue use. Call Varmitgetter for repair instructions.**

**Keep electrical plug-ins clean and lubricated with silicone spray. Do the same with release lever.**

**Keep all connections snug. Not overly tight.**

**Hose and cord hold up best if untangled before dragging across the ground.**

**Varmitgetter offers complete repair service on any breakdown not covered by warranty for a reasonable cost.**

## **TROUBLESHOOTING**

**1. No ignition: check in the following order;**

- **Battery: one 9-volt**
- **Regulators & flow control knobs for right settings.**
- **Loose plug-ends, broken or loose wires.**

**If above list checks out O.K., then the trouble is in the high voltage converter within the applicator. Please call manufacturer.**

**2. Spark but no ignition or Ignition but no concussion: Check the regulators, gas mix and if O.K., the trouble is possibly the check valve. (The check valve takes the brunt of the blast causing damage to the moving parts.) The check valve can be readily removed and replaced using two adjustable wrenches. Call manufacturer for replacement parts and further instructions.**

**3. If valves need to be reset, Bleed line for a few seconds to get the improper mixture of gas out of the line.**

## **ONE YEAR LIMITED WARRANTY**

**\*PLEASE READ\***

VARMITgetter L.L.C. Guarantees the VARMITgetter to be free from defects in materials and workmanship. If any components fail, not due to damage or abuse, we will repair or replace, at our option, free of charge for a period of ONE full year from the original date of purchase. Customer will pay all shipping costs on returns. This unit is strictly for *private use only*. For commercial application contact Varmitgetter service department to avoid franchise infringement and the forfeiture of this warranty.

***RECEIPT AND ACCEPTANCE OF THIS PRODUCT CONSTITUTES THE FOLLOWING AGREEMENT BETWEEN VARMITgetter L.L.C. AND THE CUSTOMER!!***

1. The customer will not use the VARMITgetter in violation of any local, state, or federal laws.
2. In no event shall the seller, or assigns be liable for consequential damages, nor shall seller's liability on any claim for damages, arising out of or connected with, the sale, delivery, or use of the VARMITgetter exceed the purchase price of the unit.
3. The original customer, successors and assigns agree to hold the seller harmless from all damages caused by the use of the VARMITgetter.
4. The customer agrees that the stipulations above apply equally to all current and future purchases.
5. This disclaimer applies to ANY damages or injury caused by any failure or performance, error, omission, interruption, deletion, defects, delay in operation, or transmission, communication failure, theft, or destruction or unauthorized use of or alteration of or whether by negligence, or under any other cause of action.
6. You specifically acknowledge that VARMITgetter L.L.C. is NOT liable for your use or conduct or that of any person while operating the VARMITgetter and that VARMITgetter L.L.C. will be governed and bound by the laws of the State of Idaho.

## **GAS APPLICATION TIMES**

- **GOPHERS: 30 to 60 seconds depending on variety.**
- **GROUND SQUIRRELS: 5 to 15 seconds depending on variety.**
- **MOLES: 15 to 45 seconds depending on variety.**
- **PRAIRIE DOGS/WOODCHUCKS: 15 to 60 seconds.  
Back filling makes a difference.**
- **FIELD MICE: 2 to 5 seconds depending variety.**
- **VOLES: 5 to 30 seconds depending on variety.**

**ALL AREAS AND SOIL TYPES ARE DIFFERENT  
EXPERIMENT WITH IT AND LET US KNOW WHAT  
WORKS FOR YOU.**

**For more information on burrowing animals and their  
habitats, check out this web site:**

**<http://icwdm.org/handbook/index.asp>**



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## **ONE YEAR LIMITED WARRANTY**

**VARMITgetter L.L.C. Guarantees the VARMITgetter to be free from defects in materials and workmanship. If any components fail, not due to damage or abuse, we will repair or replace, at our option, free of charge for a period of ONE full year from the original date of purchase. Customer will pay all shipping costs on returns. This unit is strictly for private use only. For commercial application contact Varmitgetter service department to avoid franchise infringement and the forfeiture of this warranty.**

***RECEIPT AND ACCEPTANCE OF THIS PRODUCT CONSTITUTES THE FOLLOWING AGREEMENT BETWEEN VARMITgetter L.L.C. AND THE CUSTOMER!!***

1. The customer will not use the VARMITgetter in violation of any local, state, or federal laws.
2. In no event shall the seller, or assigns be liable for consequential damages, nor shall seller's liability on any claim for damages, arising out of or connected with, the sale, delivery, or use of the VARMITgetter exceed the purchase price of the unit.
3. The original customer, successors and assigns agree to hold the seller harmless from all damages caused by the use of the VARMITgetter.
4. The customer agrees that the stipulations above apply equally to all current and future purchases.
5. This disclaimer applies to ANY damages or injury caused by any failure or performance, error, omission, interruption, deletion, defects, delay in operation, or transmission, communication failure, theft, or destruction or unauthorized use of or alteration of or whether by negligence, or under any other cause of action.
6. You specifically acknowledge that VARMITgetter L.L.C. is NOT liable for your use or conduct or that of any person while operating the VARMITgetter and that VARMITgetter L.L.C. will be governed and bound by the laws of the State of Idaho.

Signature: \_\_\_\_\_ Purchase Date: \_\_\_\_\_

Address: \_\_\_\_\_

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**Warranty must be Signed, Dated and Mailed, with a copy of receipt to: VARMITGETTER 130 N. Main St. Payette, ID 83661**