



RHYNO3 18V Windshield Cutter  
-OPERATOR'S MANUAL - USA



Catalog No: RWC-3

**NOTICE:** This tool is specially designed to cut 0.500 inch (12.5 mm) laminated glass only. Use of this product to cut materials other than laminated glass may damage the tool and voids the warranty.

**TO REDUCE THE RISK OF INJURY, USER MUST READ AND UNDERSTAND OPERATOR'S MANUAL.**

## Definitions: Safety Guidelines

The definitions below describe the level of severity for each signal word. Please read the manual and pay attention to these symbols.



**DANGER:** Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



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



**CAUTION:** Indicates a potentially hazardous situation which, if not avoided, may result in property damage.

**NOTICE:** Indicates a practice **not related to personal injury** which, if not avoided, may result in property damage.



**WARNING! Read all safety warnings and all instructions.** Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.



**WARNING!** To reduce the risk of injury, read the instruction manual

If you have any questions or comments about this or any RHYNO tool, call us toll free at:

**844-25RHYNO (844-257-4966)**

United States and other patents apply.

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## SYMBOLGY

V .....Volts

Hz ..... Hertz

C ..... Celcius

F ..... Fahrenheit

AWG ..... American Wire Gage

LED ..... Light Emitting Diode

min ..... minutes

/min ..... Per minute

bpm ..... Beats/min

ipm ..... Inches/min

RPM ..... rotations/min

sfpm ..... Surface feet/min

SPM ..... Strokes/min

A ..... Amperes

W ..... Watts

AC ..... Alternating Current

DC ..... Direct Current



..... Wear eye protection



..... Wear hearing protection



..... Wear respiratory protection



..... safety alert symbol



..... Read Manual



## GENERAL POWER TOOL SAFETY

### WARNINGS

**⚠️ WARNING!** To reduce the risk of injury, read the instruction manual.

**⚠️ WARNING!** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and /or serious injury.

### SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

The term “power tool” in the warnings refers to your mains-operated (corded) or battery-operated (cordless) power tool.

### 1) WORK AREA SAFETY

- a) **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- c) **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

### 2) ELECTRICAL SAFETY

- a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.

- b) **Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
  - c) **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
  - d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
  - e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
  - f) **If operating the power tool in damp locations is unavoidable, use a Ground Fault Circuit Interrupter (GFCI) protected supply.** Use of a GFCI reduces the risk of electric shock.
- 3) PERSONAL SAFETY**
- a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
  - b) **Use personal protective equipment. Always wear eye protection.** Protective equipment such as safety glasses, dust mask, protective gloves or hearing protection used for appropriate conditions will reduce personal injuries.
  - c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energizing the power tools that have the switch on invites accidents.
  - d) **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
  - e) **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
  - f) **Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewelry or long hair can be caught in moving parts.
  - g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- 4) POWER TOOL USE AND CARE**
- a) **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
  - b) **Do not use the power tool if the switch does not turn on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
  - c) **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
  - d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.**

Power tools are dangerous in the hands of untrained users.

- e) **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) **Use the power tool, accessories and tool bits, etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

#### 5) BATTERY TOOL USE AND CARE

- a) **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- b) **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- c) **When battery pack is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- d) **Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.**

Liquid ejected from the battery may cause irritation or burns.

#### 6) SERVICE

- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

### ADDITIONAL SAFETY RULES FOR SHEARS

 **WARNING:** Tool use can generate and disburse particles and dust which project outward from the cutting blades that may impact the face, eyes, hands or other body parts. **ALWAYS** use ANSI Z87.1 or equivalent safety certified eye protection during operation. Everyday eyeglasses are NOT safety glasses.

 **WARNING:** Tool use can generate and disburse particles and dust which may cause serious and permanent respiratory or other injury. **ALWAYS** use NIOSH/OSHA safety certified respiratory protection during operation.

 **WARNING:** Exposed and cut glass along with pieces and particles can cut your skin. **ALWAYS** wear cut-resistant gloves constructed of leather, canvas or equivalent during operation.

 **WARNING:** Do not expose tool and accessories to water or wet conditions. Water entering a power tool will increase the risk of electric shock.

 **WARNING:** Depending on duration and conditions of use, this tool may generate noise which may contribute to hearing loss. **ALWAYS** use ANSI S12.6 or equivalent safety certified hearing protection during operation.

 **WARNING:** Tool use may generate particles, dust, or vapor which contains

chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals include:

- Copper and plastic from wiring

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area, and work with approved safety equipment, such as safety certified dust masks which are specially designed to filter out microscopic particles. Avoid prolonged contact with dust by allowing particles or dust to enter the mouth, eyes or lay on the skin which can promote absorption of harmful chemicals.

**Hold power tool by insulated gripping surfaces when performing an operation where the cutter blades may contact hidden wiring.** Cutting blades contacting “live” wires may make exposed metal parts of the power tools “live” and could give the operator an electric shock.

**Air vents on tool cover moving parts and should be avoided.** Loose clothes, jewelry or long hair can be caught in moving parts.

 **WARNING:** Do not use this tool if you are extremely tired, cannot maintain adequate attention or are under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious injury.

 **WARNING:** Do not use this tool in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the gas or fumes.

**READ AND SAVE ALL INSTRUCTION FOR FUTURE REFERENCE.**

## **BATTERY PACKS AND CHARGERS**

The battery pack is not fully charged out of the package. Before using the battery pack and charger, read the safety instructions

below and then follow charging procedures outlined. When ordering replacement battery packs, be sure to include the catalog number and voltage. Your tool uses a RHYNO charger. Be sure to read all safety instructions before using your charger. Consult the chart at the end of this manual for compatibility of chargers and battery packs.

## **READ ALL INSTRUCTIONS**

### **Important Safety Instructions for All Battery Packs**

 **WARNING!** Read all safety warnings and all instructions for the battery pack, charger and power tool. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

- **Do not charge or use the battery pack in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Inserting or removing the battery pack from the charger may ignite the dust or fumes.
- **NEVER force the battery pack into the charger. DO NOT modify the battery pack in any way to fit into a non-compatible charger as battery pack may rupture causing serious personal injury.** Consult the chart at the top of page 3 for compatibility of battery packs and chargers.
- Charge the battery packs only in designated RHYNO chargers.
- **DO NOT** splash or immerse in water or other liquids.
- **Do not store or use the tool and battery pack in locations where temperatures may reach or exceed 104°F (40°C) (such as outside sheds or metal buildings in summer.** For best life, store battery pack in a cool, dry location.

**NOTE: Do not store the battery packs in a tool with the trigger switch locked on.**

**Never tape the trigger switch in the ON position.**

- **Do not incinerate the batter pack even if it is severely damaged or is completely worn out.** The battery pack can explode in a fire. Toxic fumes and materials are created when lithium ion battery packs are burned.
- **If battery contents come into contact with the skin, immediately wash area with mild soap and water.** If battery liquid gets into the eye, rinse water over the open eye for 15 minutes or until irritation ceases. If medical attention is needed the battery electrolyte is composed of a mixture of liquid organic carbonates and lithium salts.
- **Contents of opened battery cells may cause respiratory irritation.** Provide fresh air. If symptoms persist, seek medical attention.

**WARNING!** Burn hazard. Battery liquid may be flammable if exposed to spark or flame.

**WARNING!** Fire hazard. Never attempt to open the battery pack or any reason. If the battery pack case is cracked or damaged, do not insert into the charger. Do not crush, drop or damage the battery pack. Do not use a battery pack or charger that has received a sharp blow, been dropped, run over or damaged in any way (e.g., pierced with nail, hit with a hammer, stepped on). Damaged battery packs should be returned to the service center for recycling.

## Transportation

**WARNING! Fire hazard. Do not store or carry the battery pack so that metal objects can contact exposed battery terminals.** For example, do not place the batter pack in aprons, pockets, tool boxes, product kit boxes, drawers, etc., with loose nails, screws, keys, etc. **Transporting battery packs can possibly cause fires if the battery terminals inadvertently come into contact**

**with conductive materials such as keys, coins, hand tools, etc.** The US Department of Transportation Hazardous Material Regulations (HMR) actually prohibit transporting battery packs in commerce or on airplanes in carry-on baggage UNLESS they are properly protected from short circuits. So when transporting individual battery packs, make sure that the battery terminals are protected and well insulated from materials that could contact them and cause a short circuit.

## Fuel Gage Battery Packs

RHYNO Battery Packs or tools include a fuel gage which consists of three green LED lights that indicate the level of charge remaining in the battery pack. The fuel gage is an indication of approximate levels of charge remaining in the battery pack according to the following indicators:

Indicator	Remaining battery capacity
 3 light on	(Over) 80 %
 2 light on	(Over) 50%
 1 light on	(Below) 20 %

To actuate the fuel gage, press and hold the fuel gage button. A combination of three green LED lights will illuminate designating the level of charge left. When the level of charge in the battery pack is below the usable limit, the fuel gage will not illuminate and the battery pack will need to be recharged.



**NOTE:** The fuel gage is only an indication of the charge left on the battery pack. It does not indicate tool functionality and is subject to variation based on product components, temperature and end-user application.

### Important Safety Instructions for All Battery Chargers

**⚠ WARNING!** Read all safety warnings and all instructions for the battery pack, charger and power tool. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

- **DO NOT attempt to charge the battery pack with any charges other than the ones in this manual.** The charger and battery pack are specifically designed to work together.
- **These chargers are not intended for any uses other than charging RHYNO rechargeable battery packs.** Any other uses may result in risk of fire, shock, or electrocution.
- **Do not expose the charger to rain or snow.**
- **Pull by the plug rather than the cord when disconnecting the charger.** This will reduce the risk of damage to the electric plug and cord.

- Make sure that the cord is located so that it will not be stepped on, tripped over or otherwise subjected to damage or stress.
- **Do not use an extension cord unless it is absolutely necessary.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **An extension cord must have adequate wire size or AWG for safety.** The smaller the gage number of the wire, the greater the capacity of the cable, that is, 16 gage has more capacity than 18 gage. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. When using more than one extension to make up the total length, be sure each individual extension contains at least the minimum wire size. The following table shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gage. The lower the gage number, the heavier the cord.

Minimum Gage for Cord Sets					
Volts		Total Length of Cord in Feet (meters)			
120V		25 (7.6)	50 (15.2)	100 (30.5)	150 (45.7)
220V		50 (15.2)	100 (30.5)	200 (61.0)	300 (91.4)
More Than	Not More Than	American Wire Gage			
0	6	18	16	16	14
6	10	18	16	14	12
10	12	16	16	14	12
12	16	14	12	Not recommended	

- **Do not place any object on top of the charger or place the charger on a soft surface that might block the ventilation slots and result in excessive internal heat.** Place the charger in a position away from any heat source. The charger is ventilated through slots in the sides of the housing.
- **Do not operate the charger with a damaged cord or plug.**
- **Do not operate the charger if it has received a sharp blow, been dropped or**

**otherwise damaged in any way.** Take it to an authorized service center.

- **Do not disassemble the charger; take it to an authorized service center when service or repair is required.** Incorrect reassembly may result in a risk of electric shock, electrocution or fire.
- **Disconnect the charger from outlet before attempting any cleaning. This will reduce the risk of electric shock.** Removing the battery pack will not reduce this risk.
- **NEVER** attempt to connect 2 chargers together.
- **The charger is designed to operate on standard 120V/220V household electrical power. Do not attempt to use it on any other voltage.**

 **WARNING!** Shock hazard. Do not allow any liquid to get inside the charger. Electric shock may result.

 **WARNING!** Burn hazard. Do not submerge the batter pack in any liquid or allow any liquid to enter the battery pack. Never attempt to open the battery pack for any reason. If the plastic housing of the battery pack breaks or cracks, return to a service center for recycling.

 **CAUTION:** Burn hazard. To reduce the risk of injury, charge only RHYNO rechargeable battery packs. Other types of battery packs may overheat and burst resulting in personal injury and property damage.

**NOTICE:** Under certain conditions, with the charger plugged into the power supply, the charger can be shorted by foreign material. Foreign material of a conductive nature, such as, but not limited to, grinding dust, metal chips, steel wool, aluminum foil or any buildup of metallic particles should be kept away from the charger cavities. Always unplug the charger from the power supply when there is not battery pack in the

cavity. Unplug the charger before attempting to clean.

## Charging a Battery Pack

**NOTICE:** To ensure maximum performance and life of lithium-ion battery packs, charge the battery pack fully before first use.

### 1) WHEN TO CHARGE BATTERY PACK

- a. The fuel gage on the battery pack indicates the current battery capacity. If battery pack is less than 100% or 3 green bars, battery pack can be charged to full capacity.
- b. Remove the battery pack from the tool for charging when needed. RHYNO Lithium-ion battery packs do not develop “memory” when charged after only a partial discharge. It is not necessary to run down the battery pack before placing it on the charger.
- c. You can “top off” each battery pack at any time or at any level of battery charge as needed.
- d. The only time that it is necessary to charge a battery pack is if it has reached the end of its charge. To signal the end of its charge, power to the tool will stop.

### 2) CHARGING A BATTERY PACK

- a. Align the battery pack with the bay and slide the battery pack into the charger as far as possible. The red LED will indicate charging is ongoing.



- b. After inserting the battery pack fully into the charger slot, the LED will indicate RED while charging.
- c. When charging is complete, the LED will indicate GREEN.
- d. If the battery pack or charger is out of the normal temperature range of 32°F-113°F (0°-45°C) the LED will indicate RED & GREEN.
- e. A fully discharged battery pack with an internal temperature in the normal range will charge in about 15-20 minutes. Heavily cycled batteries may take longer to completely charged.

**NOTICE:** Hot or cold batteries will take longer to charge.

**NOTICE:** Inverters or generators rated to 100 watts or higher can be used to power charger.

### 3) CLEANING

Clean out dust and debris from charger vents and electrical contacts by blowing with compressed air. Use only mild soap and a damp cloth to clean the battery pack and charger, keeping away from the electrical contacts. Certain cleaning agents and solvents are harmful to plastics and other insulated parts. Some of these include gasoline, turpentine, lacquer thinner, paint thinner, chlorinated cleaning solvents, ammonia and household detergents containing ammonia. Never use

flammable or combustible solvents around batteries, charger or tools.

### 4) REPAIRS

The charger has no serviceable parts.

### Hot/Cold Battery Pack Delay

When the charger detects a battery pack that is too hot or too cold, it automatically starts a Hot/Cold Pack Delay, suspending charging until the battery pack has reached an appropriate temperature. The charger then automatically switches to the pack charging mode. This feature ensures maximum battery pack life.

A cold battery pack will charge at a slower rate than a warm battery pack. The battery pack will charge at that slower rate throughout the entire charging cycle and will not return to maximum charge rate even if the battery pack warms.

### Lithium-Ion Battery Pack Only

Li-Ion tools are designed with an Electronic Protection System that will protect the battery pack against overloading, overheating or deep discharge. The tool will automatically turn off if the Electronic Protection System engages. If this occurs, place the Li-Ion battery pack on the charger until it is fully charged.

### ASSEMBLY AND ADJUSTMENTS

**⚠ WARNING!** To reduce the risk of serious personal injury, turn unit off and remove the battery pack before making any adjustments or removing /installing attachments or accessories. An accidental start-up can cause injury.

### Installing and Removing the Battery Pack

**NOTE:** For best results, make sure your battery pack is fully charged.

To install the battery pack into the tool handle, align the battery pack with the rails inside the tool's handle and slide it into the handle until the battery pack is firmly seated in the tool and ensure that it does not disengage.



To remove the battery pack from the tool, press the release button and firmly pull the battery pack out of the tool handle. Insert it into the charger as described in the charger section of this manual.



## INTENDED USE

The RHYNO Windshield Cutter is designed to cut laminated glass or film-covered glass like vehicle or building windows with a thickness of up to 0.750 inches (19.5 mm). **DO NOT** use under wet conditions or in presence of flammable liquids or gases. This glass cutter is a professional power tool. **DO NOT** let children come into contact with the tool. Supervision is required when inexperienced operators use this tool.

## Variable Speed Trigger Switch

To turn the tool on, squeeze the variable speed trigger switch. To turn the tool off, release the trigger switch. Your tool is equipped with a brake. The chuck will stop as soon as the trigger switch is fully released.

**NOTE:** Continuous use in variable speed range is not recommended. It may damage the switch and should be avoided.

## Forward/Reverse Control Button

The forward/reverse control button determines the direction of the tool and also serves as a lock-off button.

To select forward rotation, release the trigger switch and depress the forward/reverse control button on the right side of the tool.

To select reverse, release the trigger switch and depress the forward/ reverse control button on the left side of the tool.

The center position of the control button locks the tool in the OFF position. When changing the position of the control button, be sure the trigger is released.

**NOTE:** The first time the tool is run after changing the direction of rotation, you may hear a click on start up. This is normal and does not indicate a problem.

## Work Light

The work light is located on the foot of the tool. The work light is activated when the trigger switch is depressed.

**WARNING:** Work light is for providing light to the immediate work surface and is not intended to be used as a flashlight.

Your tool is equipped with three cutting blades, one dynamic (1) and two stationary or static (2). The middle blade reciprocates up and down between the two static blades to cut the glass.

To remove the battery (7), from the handle (6) of the tool, press the unlocking button

and firmly pull the battery outward from the handle.

Align the battery pack with the rails of the tool's handle and slide it firmly into the handle until you hear the lock snap into place.

**⚠️ WARNING: SHEAR HAZARD. ALWAYS keep hands, fingers, hair, clothing and/or other body parts clear and away from between or near cutting blades. Severe injury will result.**

**⚠️ WARNING: SHEAR HAZARD. To reduce the risk of serious personal injury, disconnect the battery pack before making any adjustments, maintenance or removing/installing attachments or accessories.**

## OPERATION

1. Don personal protective equipment including ANSI approved safety goggles, respirator and cut-resistant gloves.
2. Place suction lifters on laminated glass to be cut and activate the suction by lifting the movable handle.
3. Grasp tool handle with the right hand with a pistol grip and place left hand along motor housing.
4. Make purchase with the halligan bar or other suitable tool in the desired location to begin cutting.



5. Once purchase has been achieved, place dynamic cutting blade inside

glass hole and activate the trigger switch to begin cutting.

6. Ensure tool is positioned with glass parallel to the angle tool on the shear head while cutting. **DO NOT PUSH HARD.** Let the tool do the cutting.



7. Remove from the glass and begin again in the original location cutting along the bottom to the mid-line.
8. Gain access at the opposing A-pillar moving along the bottom to meet the opposite cut.
9. Remove from the glass. While gripping the tool with the opposite hand, gain access using the 2<sup>nd</sup> plunge point at the A-pillar and cut upward. Grip the suction lifter with the opposite hand and finish the cut moving inward to meet the opposite cut.
10. Upon completing the cut, remove the windshield with the opposite hand by lifting with the suction lifter and dispose.

## Belt Hook

**⚠️ WARNING! To reduce the risk of serious personal injury, turn tool off and remove the battery pack before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.**

**⚠️ WARNING! To reduce the risk of serious personal injury, ONLY use the tool's belt hook to hang the tool from a work belt. DO NOT use the belt hook for**

tethering or securing the tool to a person or object during use. **DO NOT** suspend tool overhead or suspend objects from the belt hook.

 **WARNING!** To reduce the risk of serious personal injury, ensure the screw holding the belt hook is secure.

 **CAUTION:** To reduce the risk of personal injury or damage, **DO NOT** use the belt hook to hang the impact wrench while using as a spotlight.

**IMPORTANT:** When attaching or replacing the belt hook or bit clip, use only the screw that is provided. Be sure to securely tighten the screw.

The belt hook can be attached to either side of the tool using only the screw provided, to accommodate left- or right-handed users. If the hook is not desired at all, it can be removed from the tool. To move belt hook, remove the screw that holds it in place then reassemble on the opposite side. Be sure to securely tighten the screw.

## MAINTENANCE

 **WARNING!** To reduce the risk of serious personal injury, turn tool off and remove the battery pack before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury. Cleaning

 **WARNING!** Blow dirt and dust out of all air vents with clean, dry air at least once a week. To minimize the risk of eye injury, always wear ANSI Z87.1 approved eye protection when performing this.

 **WARNING!** Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the tool. These chemicals may weaken the plastic materials used in these parts. Use a cloth dampened only with water and mild soap. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

## CHARGER CLEANING INSTRUCTIONS

 **WARNING!** Shock hazard. Disconnect the charger from the AC outlet before cleaning. Dirt and grease may be removed from the exterior of the charger using a cloth or soft non-metallic brush. Do not use water or any cleaning solutions.

## ACCESSORIES

 **WARNING!** Since accessories, other than those offered by RHYNO, have not been tested with this product, use of such accessories with this tool could be hazardous. To reduce the risk of injury, only RHYNO recommended accessories should be used with this product.

Recommended accessories for use with your tool are available at extra cost from your local distributor. If you need any assistance in locating any accessory, please contact RHYNO at 844-25RHYNO (844-257-4966) or visit [www.RHYNO.com](http://www.RHYNO.com).

## Repairs

The charger and battery pack are not serviceable.

 **WARNING!** To assure product SAFETY and RELIABILITY, repairs, maintenance and adjustment should be performed by a RHYNO factory service center or a RHYNO

authorized service center. Always use identical replacement parts.

required under the Federal Consumer Safety Act.

## **Register Online**

Thank you for your purchase. Register your product now for:

- **WARRANTY SERVICE:** Registering your product will help you obtain more efficient warranty service in case there is a problem with your product.
- **CONFIRMATION OF OWNERSHIP:** In case of an insurance loss, such as fire, flood or theft, your registration of ownership will serve as your proof of purchase.
- **FOR YOUR SAFETY:** Registering your product will allow us to contact you in the unlikely event a safety notification is

Register online at [www.rhyno.com/warranty-registration/](http://www.rhyno.com/warranty-registration/)

**NOTE:** Battery warranty voided if the battery pack is tampered with in any way. RHYNO and We Cut The Glass, LLC are not responsible for any injury caused by tampering and may prosecute warranty fraud to the fullest extent permitted by law.

**90 DAY MONEY BACK GUARANTEE** If you are not completely satisfied with the performance of your RHYNO Power Tool, for any reason, you can return it within 90 days from the date of purchase with a receipt for a full refund – no questions asked.

### **We Cut The Glass, LLC.**

4960 William Flynn Highway, Suite 6, #350, Allison Park, PA 15101  
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## LIMITED WARRANTY

Every *RHYNO* tool including battery and battery charger, is warranted to the original purchaser only to be free from defects in material and workmanship. Subject to certain exceptions, We Cut The Glass, LLC will repair or replace any part which after examination, is determined by We Cut The Glass, LLC to be defective in material or workmanship for a period of two (2) years after the date of purchase unless otherwise noted. Return of the tool to a *RHYNO* factory service center location, freight prepaid and insured, is required. A copy of the proof of purchase should be included with the return product. This warranty does not apply to damage that personnel, misuse, alterations abuse, normal wear and tear, lack of maintenance or accidents. The manufacturing date of the product will be used to determine the warranty period if no proof of purchase is provided at the time of warranty service is requested.

ACCEPTANCE OF THE EXCLUSIVE REPAIR AND REPLACEMENT REMEDIES DESCRIBED HEREIN IS A CONDITION OF THE CONTRACT FOR THE PURCHASE OF EVERY RHYNO Windshield Cutter™. IF YOU DO NOT AGREE TO THIS CONDITION, YOU SHOULD NOT PURCHASE THE PRODUCT. IN NO EVENT SHALL WE CUT THE GLASS, LLC BE LIABLE FOR ANY INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, OR FOR ANY COSTS, ATTORNEY FEES, EXPENSES, LOSSES OR DELAYS ALLEGED TO BE AS A CONSEQUENCE OF ANY DAMAGE TO, FAILURE OF, OR DEFECT IN ANY PRODUCT INCLUDING, BUT NOT LIMITED TO, ANY CLAIMS FOR LOSS OF PROFITS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESS WARRANTIES, WRITTEN OR ORAL. TO THE EXTENT PERMITTED BY LAW, WE CUT THE GLASS, LLC DISCLAIMS ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE; TO THE EXTENT SUCH DISCLAIMER IS NOT PERMITTED BY LAW, SUCH IMPLIED WARRANTIES ARE LIMITED TO THE DURATION OF THE APPLICABLE EXPRESS WARRANTY AS LASTS, SO THE ABOVE LIMITATION 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 product sold in the USA and Canada Only.

No warrant is provided for any product which has been modified in any way. Check with your international supplier to determine if international warranties apply. Our sole liability is to repair or replace covered parts and components. This is the exclusive remedy for consequential damages.

Obtain from us while this warranty is valid and in-effect, prior authorization for return or repair of covered parts and components is required.