



Pro Series™

Ground Rod Installation Tool

OWNERS MANUAL

MODEL: 300940



TAKE SAFETY SERIOUSLY

This book contains important safety information.
Please read it carefully.



This owner's manual is considered a permanent part of the tool and should remain with the tool if resold, rented or loaned.

Your safety, and the safety of others, is very important. The proper and safe use of your Rhino® tool is an important responsibility and should be taken seriously.

Keep this owner's manual available, so you can refer to it at any time. This owner's manual is considered a permanent part of the tool and should remain with the tool if resold.

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To help you make informed decisions about safety, you will find important safety information in a variety of forms, including:

- Safety Labels on the tool
- Safety Messages Preceded by a safety alert symbol and one of three signal words, DANGER, WARNING, or CAUTION. These signal words mean:



Immediate hazards that will result in severe personal injury or death.



Hazards or unsafe practices that could result in personal injury.



Hazards or unsafe practices that could result in injury, product or property damage.

- Safety Headings such as IMPORTANT SAFETY INFORMATION.
- Safety Section such as POST DRIVER SAFETY.
- Instructions how to use this post driver correctly and safely.

The Rhino® Ground Rod Installation Tool is designed to work in conjunction with a gas powered post driver (sold separately) to drive ground rod easily and safely. Please refer to the Operators Manual that came with your Rhino Post Driver for additional safety and operation instructions specific to your post driver.

WARNING Uses, other than those intended, can result in injury to the operator as well as those around the operator. Damage to the surrounding area may result as well. This and any accessories are intended for use by professional installers. Never allow children to operate this tool. Most accidents can be prevented if you follow all instructions in this manual and on the post driver. The most common hazards are discussed below, along with the best methods to protect yourself and others.

DANGER **UNDERGROUND UTILITIES:**

Driving ground rod or post into an underground utility can be **EXTREMELY DANGEROUS**, exposing the operator and those around to potentially life threatening danger. Damage to surrounding property can also occur as a result of a ground rod or post being driven into an underground utility. Be absolutely certain that you are aware of all underground utilities in the area in which you intend to drive posts. Ensure that a certified locating service has identified all underground utilities prior to beginning your project. Failure to do so can be catastrophic. Underground utilities include but are not limited to: Electric, Gas, Telephone, Water, Sewer, TV Cable, Lawn Sprinklers, etc.



Call "JULIE" at 811 for locating services in the United States

DANGER **DO NOT** lend or rent your Rhino accessories without the instruction manuals. Be sure that anyone using it understands the

information in these manuals.

DANGER **DO NOT** use this accessory for any purpose other than driving ground rod into the ground. Misuse may result in personal injury or property damage, including damage to the machine.

WARNING **Minors should never** be allowed to use this tool. Bystanders, especially children, and animals should not be allowed in the area where it is in use.

WARNING **DO NOT** operate the Ground Rod Installation Tool unless the operator is wearing safety glasses, safety shoes, hearing protection, gloves or any other safety equipment advised by, ANSI, NIOSH, OSHA, or any other safety regulatory agency, or the employer or the owner of this tool.

WARNING **Hearing protection is required**

as the post driver emits noise at 100 dB level. Bystanders should, at a minimum, wear safety glasses and hearing protection while in the presence of this power tool during operation. If not wearing protective gear, bystanders should keep a distance of 20 feet (6.00m) from the post driver while in operation.



WARNING Prolonged use of a power tool (or other machines) exposing the operator to vibrations may produce white finger disease (Raynaud's phenomenon) or carpal tunnel syndrome. These conditions reduce the hand's ability to feel and regulate temperature, produce numbness and burning sensations and may cause nerve and circulation damage and tissue necrosis.

Not all factors contributing to white finger disease are known, but cold weather, smoking and diseases or physical conditions that affect blood vessels and blood transport, as well as high vibration levels and long periods of exposure to vibration are mentioned as factors in the develop-

ment of white finger disease. In order to reduce the risk of white finger disease and carpal tunnel syndrome, please note the following:

- Wear gloves and keep hands warm.
- Ensure that any grip or vibration dampening system on tools are in good working condition.
- Ensure the tool has no loose components. Loose components lead to high vibration levels.
- Maintain a firm grip at all times, but do not squeeze the handles with constant, excessive pressure. Take frequent breaks.

All of the above mentioned precautions do not guarantee that you will not sustain white finger disease or carpal tunnel syndrome. Therefore, continual and regular users should closely monitor the condition of their hands and fingers. If any of the above symptoms appear, seek medical advice immediately.



WARNING DO NOT modify

power tools or this Rhino accessory in any way.



WARNING DO NOT put anything other than the Rhino® Ground Rod Drive Cap or properly sized post into the chuck on the post driver.



WARNING DO NOT operate your post driver unless it is on a post to be driven. Engaging the trigger or dry-firing of the driver without it driving on a post could damage the post driver.



CAUTION SURROUNDINGS: This power tool emits noise at 100 Db or more, which may be disturbing to animals and livestock. Ensure prior to operation, that any livestock are cleared from the operational area so as not to become a safety hazard.

Call your local dealer, service center or Rhino Tool Company for further assistance.

TROUBLE SHOOTING

Symptom	Explanation/Procedure
Drive Cap for Ground Rod Installation Tool lodged in the driver	<p>Please be aware that the Drive Cap fits tightly in the 1 in adapter chuck. If the drive cap becomes lodged within the adapter chuck, follow these steps:</p> <p>Turn engine off. If operating the Ranch Pro (GPD 30) Model remove the adapter locking pin and lift up on the post driver to slide the adapter off the drive cap post. If operating the Fence Pro or Multi-Pro models, unscrew the large Chuck Lok Nut at the bottom of the post driver chuck and release the 1" Break-Away Chuck Lok Adapter to free the ground drive cap. For any other post driver refer to the owners manual that came with the driver.</p>
Drives slow or sluggish engine performance:	<p>Typically this is resulting from improper driver storage or over-filling the oil causing the oil to seep into the combustion chamber. Position the driver vertically, remove the dipstick to check oil level. If you need to remove some oil, dispose of it properly. Refer to the engine manual that came with the post driver.</p>
Pull-start is frozen or hard to pull:	<p>Refer to your engine manual. This typically results from oil seeping into the combustion chamber from improper driver storage or overfilling the oil reservoir of the engine. Remove spark plug and pull hand grip several times until it pulls freely. Replace the spark plug. Check the oil level in oil reservoir to ensure proper level. Follow starting procedure shown in the engine manual that came with your post driver. It is not unusual, for blue smoke to be emitted from the engine, let the engine run until smoke clears.</p>
Proper Storage:	<p>Do not lay horizontally on the driver side or resting on the engine. If the unit cannot be stored securely in the upright position, place the chuck on a flat surface, leaning toward the engine side until it is supported by the shroud and chuck. Position the driver on an angle with the top handle at the topmost point.</p>
Other problems or technical questions	<p>Other problems or technical questions: Document your serial number and contact Rhino Tool Company. Phone: 309.853.5555 or Toll Free 866-707-1808, Fax:309.856.5905, Email: service@rhinotool.com.</p>



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Form 300951.09.2019

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