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› Greenworks G40PS20 40V Cordless Pole Saw Instruction Manual

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Model: G40PS20

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your Greenworks G40PS20 40V Cordless Pole Saw. Please read this manual thoroughly before using the product to ensure proper handling and to prevent injury or damage.

The Greenworks G40PS20 is a versatile battery-powered pole saw designed for pruning branches safely from the ground. Its extendable aluminum shaft allows for reaching various heights, and the 20 cm cutting bar with automatic chain lubrication ensures efficient cutting performance.

2. GENERAL SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury. Keep this manual for future reference.

- **Read all instructions:** Familiarize yourself with the controls and proper use of the tool.
- **Wear appropriate personal protective equipment (PPE):** This includes safety glasses, hearing protection, gloves, and sturdy footwear. A hard hat is recommended when working overhead.
- **Maintain a safe working area:** Keep bystanders, children, and pets away from the work area. Ensure the area is clear of obstacles and debris.
- **Inspect the tool before use:** Check for damaged parts, loose connections, or any other condition that may affect operation. Do not use if damaged.
- **Use the correct battery and charger:** Only use Greenworks 40V batteries and chargers specified for this product.
- **Avoid dangerous environments:** Do not use the pole saw in wet conditions or in the presence of flammable liquids or gases.
- **Secure footing:** Always ensure stable footing and balance, especially when operating the pole saw at extended lengths. Do not overreach.
- **Never climb trees:** The pole saw is designed for cutting branches safely from the ground.
- **Proper handling:** Hold the pole saw firmly with both hands. Keep hands away from the chain.
- **Unplug/Remove battery when not in use:** Always remove the battery pack before making adjustments, changing accessories, or storing the tool.

3. ASSEMBLY AND SETUP

The Greenworks G40PS20 pole saw is designed for easy assembly and disassembly for transport and storage. Follow these steps for initial setup.

3.1. Assembling the Pole Saw Sections

The pole saw comes in multiple sections for compact storage. To assemble, align the sections and securely fasten them according to the locking mechanism. Ensure all connections are tight before use.



Image: The Greenworks G40PS20 pole saw fully assembled, ready for use.

3.2. Battery Installation

The G40PS20 operates with a Greenworks 40V Lithium-ion battery (not included with this model). Ensure the battery is fully charged before installation.

1. Locate the battery compartment on the pole saw handle.
2. Align the battery with the compartment and slide it in until it clicks securely into place.
3. To remove, press the battery release button and slide the battery out.



Image: A Greenworks 40V Lithium-ion battery being inserted into a compatible tool.

3.3. Chain Tension Adjustment

Proper chain tension is crucial for safe and effective cutting. The G40PS20 features tool-free chain tension adjustment.

1. Ensure the battery is removed before adjusting the chain.
2. Locate the chain tensioning knob on the side of the cutting head.
3. Turn the knob to adjust the chain tension. The chain should be snug against the guide bar but still able to be pulled around by hand.
4. Refer to the diagram for visual guidance.



Image: A close-up view of the chain and guide bar, highlighting the tool-free tensioning system.

3.4. Chain Lubrication

The pole saw features an automatic chain lubrication system. It is essential to keep the oil reservoir filled with appropriate chain oil.

1. Before each use, check the oil level in the reservoir.
2. Unscrew the oil cap and fill the reservoir with high-quality chain and bar oil.
3. Replace the cap securely. The automatic system will lubricate the chain during operation.



AUTO LUBRICATION

Image: A close-up of the pole saw's cutting head, showing the automatic lubrication system.

4. OPERATING INSTRUCTIONS

Follow these guidelines for safe and effective operation of your Greenworks G40PS20 pole saw.

4.1. Starting and Stopping the Pole Saw

1. Ensure the battery is securely installed and the chain is properly tensioned and lubricated.
2. To start, press and hold the safety lock-out button, then squeeze the trigger switch.
3. To stop, release the trigger switch.

4.2. Adjusting Pole Length

The pole saw features an extendable aluminum shaft for reaching high branches.

1. Loosen the locking collar(s) on the pole.
2. Extend or retract the pole to the desired length.

3. Securely tighten the locking collar(s) before operation.
4. The maximum reach is approximately 2.4 meters (7.9 feet).



Image: A user demonstrating the extended reach of the Greenworks pole saw for high branch pruning.

4.3. Cutting Techniques

Always maintain a firm grip and stable stance. Plan your cuts to ensure branches fall safely and away from you.

- **Undercut first:** For larger branches, make a small undercut on the underside of the branch first to prevent bark stripping.
- **Top cut:** Then make the main cut from the top, slightly further out from the undercut.
- **Final cut:** After the main weight of the branch has fallen, make a final clean cut closer to the main trunk or limb.
- **Avoid binding:** Do not force the saw. Let the chain do the work. If the chain binds, release the trigger and free the saw.



Image: A close-up of the pole saw's chain engaging with a tree branch during cutting.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your pole saw.

- **Clean after each use:** Remove sawdust, debris, and sap from the guide bar, chain, and motor housing.
- **Check chain tension:** Regularly inspect and adjust chain tension. A loose chain can derail and cause injury.
- **Monitor oil level:** Ensure the automatic oiler reservoir is always filled with appropriate chain oil.
- **Sharpen or replace chain:** A dull chain reduces cutting efficiency and increases strain on the motor. Sharpen or replace the chain as needed.
- **Store properly:** When not in use, disassemble the pole saw into its 3 parts for easy transport and space-saving storage. Store in a dry, secure location out of reach of children.



Image: The Greenworks pole saw disassembled into its three main components for convenient storage and transport.

6. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Saw does not start	Battery not charged or improperly installed; Safety lock-out not engaged; Faulty switch.	Ensure battery is charged and correctly inserted. Press safety lock-out before trigger. Contact service if switch is faulty.
Chain does not cut efficiently	Dull chain; Incorrect chain tension; Insufficient lubrication.	Sharpen or replace chain. Adjust chain tension. Fill oil reservoir.
Chain binds in wood	Improper cutting technique; Dull chain; Overloading the saw.	Use proper cutting techniques (undercut). Sharpen chain. Do not force the saw.
Oil leaks from reservoir	Overfilled reservoir; Loose cap; Unit stored improperly.	Do not overfill. Ensure cap is tight. Store the unit upright or drain oil if storing horizontally for extended periods.

7. SPECIFICATIONS

Feature	Detail
Brand	Greenworks
Model Number	GWT40VS2-STDPOLESAW-TO (G40PS20)
Power Source	Battery Powered (40V Li-Ion)
Bar Length	20 cm (8 inches)
Chain Speed	8 m/s
Item Weight	3.5 Kilograms
Extendable Pole Length	Up to 2.4 meters (approx. 7.9 feet)
Automatic Lubrication	Yes
Tool-free Chain Adjustment	Yes

8. GREENWORKS 40V BATTERY SYSTEM

The Greenworks G40PS20 pole saw is part of the Greenworks 40V battery system, meaning the same 40V Lithium-ion battery can power multiple Greenworks garden and workshop tools. This provides convenience and cost savings.

Your browser does not support the video tag.

Video: An overview of the Greenworks 40V battery system, demonstrating its versatility across various tools like blowers, chainsaws, hedge trimmers, and lawnmowers. This video illustrates the shared battery concept.



Image: A visual representation of the Greenworks 40V battery system, showing various compatible tools that can be powered by the same battery.

9. WARRANTY AND SUPPORT

The Greenworks G40PS20 pole saw comes with a **three-year manufacturer's warranty**. For warranty claims, technical support, or spare parts, please contact Greenworks customer service or your authorized dealer. Keep your proof of purchase for warranty validation.

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