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> PARKSIDE® PGHSA 20-Li B1 Mini Chainsaw Instruction Manual

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20V Cordless Chainsaw Branch Cutter Instruction Manual

INTRODUCTION

This instruction manual provides important information for the safe and efficient operation, maintenance, and troubleshooting of your PARKSIDE® PGHSA 20-Li B1 Mini Chainsaw. Please read this manual thoroughly before first use and keep it for future reference. This cordless mini chainsaw is designed for pruning trees and shrubs, and for cutting green waste, boards, squared timber, and logs.

SAFETY INFORMATION

Always observe general safety precautions when operating power tools. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Work Area Safety:** Keep the work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection, hearing protection, and appropriate protective clothing (e.g., gloves, sturdy footwear). Do not overreach. Maintain proper footing and balance at all times.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.
- **Specific Chainsaw Safety:** Always hold the chainsaw firmly with both hands when operating. Be aware of kickback. Ensure the chain is properly tensioned and lubricated.

PRODUCT OVERVIEW

The PARKSIDE® PGHSA 20-Li B1 Mini Chainsaw is a compact and lightweight tool designed for efficient cutting tasks. Below are the key components of the device.



Figure 1: PARKSIDE® PGHSA 20-Li B1 Mini Chainsaw with blade cover removed, showing the chain and guide bar.



Figure 2: PARKSIDE® PGHSA 20-Li B1 Mini Chainsaw with the protective blade cover in place for storage or transport.



Figure 3: The mini chainsaw neatly packed within its dedicated storage case, highlighting portability and protection.

Components:

- **Guide Bar:** The metal bar that supports and guides the saw chain.
- **Saw Chain:** The cutting component with sharp teeth that rotates around the guide bar.
- **Handle:** Ergonomic handle for secure grip.
- **Safety Switch:** Prevents accidental starting of the chainsaw.
- **Battery Compartment:** Location for inserting the 20V PARKSIDE X 20V Team series battery (battery not included).
- **Blade Cover:** Protective cover for the guide bar and chain when not in use.

SETUP

Before operating the mini chainsaw, ensure it is properly assembled and prepared.

1. Battery Installation:

1. Ensure the chainsaw is switched off and the safety switch is engaged.
2. Align the 20V PARKSIDE X 20V Team series battery (sold separately) with the battery compartment on the tool.
3. Slide the battery into the compartment until it clicks securely into place.
4. To remove, press the battery release button and slide the battery out.

2. Chain Installation and Tensioning:

The chainsaw features a tool-free quick chain change function.

1. Ensure the battery is removed.
2. Refer to the quick chain change mechanism (typically a red knob or lever) on the side of the chainsaw.
3. Follow the specific instructions on the device for releasing the guide bar cover and chain.
4. Carefully place the chain around the guide bar, ensuring the cutting edges are facing the correct direction.
5. Re-attach the guide bar cover and use the quick tensioning mechanism to adjust the chain tension. The chain should be snug but still able to be pulled freely around the guide bar by hand.
6. Ensure the chain is properly seated in the guide bar groove.

3. Chain Lubrication:

This model requires manual chain lubrication. Apply chain oil regularly to the guide bar and chain before and during operation to ensure smooth running and prevent premature wear. Use appropriate chainsaw chain oil.

OPERATING INSTRUCTIONS

Always wear appropriate personal protective equipment (PPE) including safety glasses, gloves, and hearing protection before operating the chainsaw.

1. Starting the Chainsaw:

1. Ensure the battery is fully charged and securely installed.
2. Hold the chainsaw firmly with both hands, one on the main handle and one on the auxiliary handle (if applicable).
3. Engage the safety switch (if present) and then press the trigger switch to start the chain.

2. Cutting Techniques:

- **Pruning Branches:** Support the branch to be cut. Make a small undercut first to prevent splintering, then complete the cut from the top.
- **Cutting Logs/Timber:** Secure the material to prevent movement. Apply steady, even pressure. Avoid cutting into the ground.
- **Avoid Kickback:** Never cut with the tip of the guide bar. Be aware of objects that could pinch the chain.

3. Stopping the Chainsaw:

Release the trigger switch. The chain should stop quickly. Always engage the safety switch and remove the battery when not in use or when moving between cutting locations.

MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your mini chainsaw.

1. Cleaning:

- Always remove the battery before cleaning.
- Clean the guide bar groove and chain regularly to remove sawdust and debris.
- Wipe down the tool's exterior with a damp cloth. Do not use harsh chemicals.

2. Chain Care:

- **Sharpening:** A dull chain will not cut efficiently and can cause kickback. Sharpen the chain regularly or replace it when necessary.
- **Lubrication:** As mentioned in Setup, manually apply chain oil frequently during operation.

- **Tension:** Check chain tension before each use. A loose chain can derail, and a too-tight chain can cause excessive wear.

3. Storage:

- Ensure the chainsaw is clean and dry before storage.
- Always attach the blade cover (included) to protect the chain and guide bar.
- Store the tool in its practical storage case in a dry, secure place, out of reach of children.
- Remove the battery from the tool if storing for extended periods.

TROUBLESHOOTING

This section addresses common issues you might encounter with your mini chainsaw.

Problem	Possible Cause	Solution
Chainsaw does not start.	Battery not inserted correctly or discharged. Safety switch not engaged.	Ensure battery is fully charged and properly inserted. Engage safety switch before pressing trigger.
Chain does not move or moves slowly.	Chain too tight. Chain dull or damaged. Debris in guide bar.	Adjust chain tension. Sharpen or replace chain. Clean guide bar and chain.
Excessive vibration or noise.	Loose chain. Damaged chain or guide bar.	Check and adjust chain tension. Inspect chain and guide bar for damage and replace if necessary.
Poor cutting performance.	Dull chain. Incorrect chain direction. Insufficient lubrication.	Sharpen or replace chain. Ensure chain is installed with cutting edges facing correctly. Apply chain oil.

SPECIFICATIONS

Technical data for the PARKSIDE® PGHSA 20-Li B1 Mini Chainsaw:

- **Model:** PARKSIDE® PGHSA 20-Li B1
- **Voltage:** 20 V
- **Chain Speed:** 8 m/s
- **Blade Length:** 19.3 cm (approx. 19.2 cm)
- **Cutting Length:** approx. 16 cm
- **Chain Pitch:** 1/3"
- **Recommended Battery:** 20V (2Ah)
- **Battery Life (2Ah):** approx. 20 min
- **Battery Life (4Ah):** approx. 38 min
- **Material:** Plastic
- **Dimensions:** approx. 42.2 x 17.5 x 8.5 cm (or 17.6 x 8.4 x 42.2 cm)
- **Weight:** approx. 1.4 kg (or 1.42 kg)
- **Special Features:** Quiet, low-vibration chain, tool-free quick chain change function.
- **Included Components:** 1 x blade cover (Battery and charger not included)

WARRANTY AND SUPPORT

This PARKSIDE® product is typically backed by a manufacturer's warranty. Please refer to the warranty card included with your purchase or contact the manufacturer's customer support for detailed warranty terms and conditions. For technical assistance or spare parts, please contact your retailer or the official PARKSIDE® service center. Keep your proof of purchase for warranty claims.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question