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› BLACK+DECKER GPC1820LN 18V 2.0Ah Cordless High Branch Pole Chainsaw Instruction Manual

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Model: GPC1820LN

1. INTRODUCTION

Thank you for choosing the BLACK+DECKER GPC1820LN 18V 2.0Ah Cordless High Branch Pole Chainsaw. This tool is designed for safely and efficiently pruning high branches without the need for a ladder. Its lightweight and cordless design offers convenience and maneuverability for various gardening tasks. Please read this manual thoroughly before operating the tool to ensure safe and effective use.



Image: The BLACK+DECKER GPC1820LN 18V 2.0Ah Cordless High Branch Pole Chainsaw.

2. SAFETY INSTRUCTIONS

Always prioritize safety when operating power tools. Failure to follow these instructions may result in serious injury or property damage.

- **Personal Protective Equipment:** Always wear safety glasses, gloves, and sturdy footwear. A hard hat is recommended for overhead work.
- **Work Area:** Ensure the work area is clear of bystanders, children, and pets. Maintain a safe distance from power lines and other obstacles.
- **Stability:** Always maintain a firm footing and balance. Do not overreach.
- **Tool Inspection:** Before each use, inspect the tool for any damage, loose parts, or worn components. Ensure the chain is properly tensioned and lubricated.
- **Battery Safety:** Use only BLACK+DECKER 18V lithium-ion batteries and chargers. Do not expose batteries to water or extreme temperatures.

- **Cutting Technique:** Be aware of falling branches. Plan your cuts to avoid kickback. Do not cut branches thicker than the maximum recommended capacity.
- **Storage:** Store the tool in a dry, secure place out of reach of children. Remove the battery when not in use.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- BLACK+DECKER GPC1820LN Pole Chainsaw Unit
- Extension Pole
- 18V 2.0Ah Lithium-ion Battery (x1)
- Rapid Charger
- Storage Bag
- Safety Glasses
- Hex Wrench



Image: Components of the BLACK+DECKER GPC1820LN Pole Chainsaw, including the main unit and extension pole.

4. SETUP

4.1. Charging the Battery

1. Connect the rapid charger to a suitable power outlet.
2. Insert the 18V lithium-ion battery into the charger.
3. Allow the battery to charge for approximately 60 minutes until the indicator light shows a full charge.
4. Remove the battery from the charger once fully charged.

4.2. Assembling the Pole Chainsaw

1. Ensure the battery is removed from the tool before assembly.
2. Attach the chainsaw head unit to the main pole. Ensure it clicks securely into place.
3. If extended reach is required, attach the extension pole between the chainsaw head unit and the main pole. Ensure all connections are firm and secure.
4. Using the hex wrench, adjust the chain tension. The chain should be snug but still able to be pulled freely around the bar by hand.
5. Fill the oil reservoir with appropriate chain lubricant (not included). Regularly check the oil level during operation.



Image: The BLACK+DECKER GPC1820LN Pole Chainsaw fully assembled with the extension pole.

5. OPERATING INSTRUCTIONS

5.1. Pre-Operation Checks

- Ensure all safety instructions have been reviewed.
- Confirm the battery is fully charged and securely inserted.
- Check chain tension and lubrication.
- Inspect the work area for hazards.

5.2. Starting and Stopping

- To start: Press the safety lock-off button and then squeeze the trigger switch.
- To stop: Release the trigger switch.

5.3. Cutting Techniques

When cutting high branches, position yourself safely away from the falling path of the branch. Use the pole to reach the desired branch. Make a small undercut first on the underside of the branch to prevent splintering, then make the main cut from the top. Avoid cutting branches thicker than 170mm in diameter.



Image: A person operating the pole chainsaw to prune a high tree branch, demonstrating safe reach.



Image: An operator using the pole chainsaw, with an arrow illustrating the upward reach and cutting action on a high branch.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your tool.

- **Chain Sharpening/Replacement:** A sharp chain is essential for efficient cutting. Sharpen the chain regularly or replace it when dull or damaged. Refer to the chain type 90SG-34 (A6158) for replacement.
- **Bar Maintenance:** Clean the guide bar groove and oil holes. Flip the bar periodically to ensure even wear.
- **Cleaning:** After each use, clean the tool body, chain, and bar. Remove any sawdust or debris.
- **Battery Care:** Store batteries in a cool, dry place. Do not store fully discharged batteries for extended periods.
- **Storage:** Store the pole chainsaw in its storage bag in a dry, secure location. Remove the battery before storing.



Image: A close-up view of the chainsaw head, highlighting the chain and guide bar for maintenance reference.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Tool does not start	Battery not inserted correctly or discharged. Safety lock-off not engaged.	Ensure battery is fully charged and properly inserted. Press safety lock-off button before squeezing trigger.
Chain does not cut efficiently	Dull chain. Incorrect chain tension. No chain oil.	Sharpen or replace chain. Adjust chain tension. Refill chain oil reservoir.
Tool overheats	Overloading the tool. Blocked ventilation.	Reduce cutting pressure. Clear any debris from ventilation openings. Allow tool to cool down.
Excessive vibration	Damaged chain or bar. Loose components.	Inspect chain and bar for damage and replace if necessary. Check all connections and tighten.

8. SPECIFICATIONS

Feature	Detail
Model Number	GPC1820LN
Brand	BLACK+DECKER
Power Source	Cordless (Battery Powered)
Voltage / Battery Capacity	18V / 2.0Ah
Battery Type	Lithium-ion
Chain Type	90SG-34 (A6158)
Chain Speed	1.9 m/s
Chain Bar Length	200 mm
Maximum Cutting Capacity	Wood diameter 170 mm
Charging Time	60 minutes
Product Weight	3.5 kg
Product Dimensions (L x W x H)	21.5 x 12 x 294 cm (Extended)
Country of Origin	China

9. WARRANTY AND SUPPORT

Warranty Period: This BLACK+DECKER product is covered by a warranty for 1 year from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical assistance, spare parts, or warranty service, please contact BLACK+DECKER customer support. Refer to the official BLACK+DECKER website or your local dealer for contact information specific to your region.

Online Resources: For additional information, product registration, and FAQs, visit the official BLACK+DECKER website: www.blackanddecker.com



