

OHEDMEH PKSA 20 Li-B2

Parkside PKSA 20 Li-B2 Cordless Chainsaw User Manual

Model: PKSA 20 Li-B2

1. INTRODUCTION

This user manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Parkside PKSA 20 Li-B2 Cordless Chainsaw. Please read this manual thoroughly before first use and keep it for future reference. The Parkside PKSA 20 Li-B2 is a cordless chainsaw designed for comfortable cutting without a cable. It features a high-quality OREGON guide bar (10"), a durable OREGON chain, tool-free chain tensioning, and an automatic chain lubrication system. It is equipped with an anti-vibration feedback brake system ("Anti-Kickback") and a robust claw stop for enhanced safety and control.

2. SAFETY INSTRUCTIONS

Always observe basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury.

- **Personal Protective Equipment:** Always wear appropriate personal protective equipment (PPE) including safety glasses, hearing protection, gloves, and sturdy footwear.
- **Work Area Safety:** Keep the work area clean and well-lit. Do not operate the chainsaw in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Keep bystanders, children, and pets away while operating the chainsaw.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Chainsaw Specific Safety:**
 - Ensure the chain is properly tensioned and lubricated before each use.
 - Hold the chainsaw firmly with both hands when operating.
 - Be aware of kickback and take precautions to avoid it.
 - Never operate the chainsaw with one hand.
 - Do not operate the chainsaw when tired or under the influence of drugs, alcohol, or medication.
 - Disconnect the battery pack before making any adjustments, changing accessories, or storing the chainsaw.
- **Battery Safety:** Use only the recommended 20V (4 Ah) battery. Do not expose batteries to heat or fire. Do not short-circuit a battery pack.

3. PACKAGE CONTENTS

Carefully unpack all items and check for completeness and transport damage. If any parts are missing or damaged, contact your retailer.

- Parkside PKSA 20 Li-B2 Cordless Chainsaw
- Protective case
- 180 ml of organic chain oil
- User Manual (this document)

Note: Battery and charger are not included with this product and must be purchased separately. Recommended battery: 20 V (4 Ah).

4. PRODUCT OVERVIEW

Familiarize yourself with the main components of your chainsaw.



Front view of the Parkside PKSA 20 Li-B2 Cordless Chainsaw, highlighting its compact design and ergonomic handle.

- **Chain Tensioning Knob:** For tool-free chain tension adjustment.
- **Oil Tank Cap:** For filling chain lubrication oil.
- **Front Handle:** For stable two-hand operation.
- **Rear Handle:** With anti-slip grip and safety switch.
- **Safety Switch:** Prevents accidental starting.
- **Claw Stop:** Robust metal claw for improved cutting stability.
- **Battery Compartment:** For inserting the 20V battery.

5. SETUP

5.1 Installing the Guide Bar and Chain

1. Ensure the battery is removed from the chainsaw.
2. Loosen the chain tensioning knob and remove the side cover.
3. Carefully place the chain around the sprocket and guide bar, ensuring the cutting edges are facing the correct direction.
4. Fit the guide bar onto the mounting studs and align the chain with the guide bar groove.
5. Replace the side cover and hand-tighten the chain tensioning knob.

5.2 Adjusting Chain Tension

The PKSA 20 Li-B2 features tool-free chain tensioning.

1. With the side cover secured, turn the chain tensioning knob clockwise to increase tension or counter-clockwise to decrease tension.
2. The chain is correctly tensioned when it can be pulled away from the guide bar by about 2-3 mm at the center, but still snaps back into place.
3. Do not over-tension the chain, as this can cause premature wear.

5.3 Filling Chain Oil

The chainsaw has an automatic chain lubrication system. Ensure the oil tank is filled before each use.

1. Place the chainsaw on a flat, stable surface.
2. Unscrew the oil tank cap.
3. Carefully pour the provided 180 ml of organic chain oil into the tank. Do not overfill.
4. Securely replace the oil tank cap.

5.4 Installing the Battery

Insert a fully charged 20V (4 Ah) battery into the battery compartment until it clicks into place.

6. OPERATION

6.1 Starting the Chainsaw

1. Ensure you are wearing all necessary PPE.
2. Hold the chainsaw firmly with both hands, one on the front handle and one on the rear handle.
3. Press and hold the safety switch (usually a small button or lever on the handle).
4. While holding the safety switch, squeeze the trigger switch to start the chain.

6.2 Stopping the Chainsaw

Release the trigger switch. The chain will stop quickly due to the feedback brake system.

6.3 Cutting Techniques

- Always ensure the chainsaw is running at full speed before making contact with the wood.
- Use the robust claw stop to pivot the chainsaw into the wood for stable cutting.
- Be aware of the direction of falling wood and clear the area.
- Avoid cutting with the tip of the guide bar to prevent kickback.
- For optimal performance, the maximum cutting length is approximately 23 cm.

7. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your chainsaw. Always remove the battery before performing any maintenance.

7.1 Chain Lubrication

The chainsaw features an automatic chain lubrication system. Regularly check the oil level and refill as needed. Use only high-quality chain oil, such as the included organic chain oil.

7.2 Chain Sharpening and Replacement

- A dull chain will reduce cutting efficiency and increase kickback risk. Sharpen the chain regularly or replace it when necessary.
- Refer to the chain manufacturer's instructions for proper sharpening techniques.
- When replacing the chain, ensure it is an OREGON chain compatible with a 10-inch guide bar.

7.3 Cleaning

- After each use, clean the chainsaw thoroughly. Remove sawdust and debris from the guide bar, chain, and motor housing.
- Use a soft brush or compressed air. Do not use water or harsh chemicals.
- Wipe down the exterior with a damp cloth.

8. TROUBLESHOOTING

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. Press safety switch before trigger.
Chain does not move or moves slowly.	Chain tension too tight. Chain dull or damaged. Low battery.	Adjust chain tension. Sharpen or replace chain. Recharge or replace battery.
Chainsaw overheats.	Overuse or continuous heavy load. Blocked ventilation slots.	Allow chainsaw to cool down. Clear ventilation slots. Avoid prolonged heavy use.
Chain oil not dispensing.	Oil tank empty. Oil passage blocked.	Refill oil tank. Clean oil passage (refer to service manual if necessary).

If you encounter problems not listed here or if solutions do not resolve the issue, please contact customer support.

9. SPECIFICATIONS

- **Model:** PKSA 20 Li-B2
- **Power Source:** Battery-powered
- **Recommended Battery:** 20 V (4 Ah)
- **Chain Speed:** 6.5 m/s
- **Maximum Cutting Length:** Approx. 23 cm (9 inches)
- **Guide Bar:** OREGON 10 inches
- **Approximate Usage Duration (with 4Ah battery):** Approx. 20 minutes
- **Dimensions (with battery):** Approx. 63.5 x 2.42 x 20.3 cm (25 x 0.95 x 8 inches)
- **Weight (without battery):** Approx. 4 kg (8.8 lbs)
- **Included Components:** Protective case, 180 ml organic chain oil

10. WARRANTY AND SUPPORT

Specific warranty information for the Parkside PKSA 20 Li-B2 Cordless Chainsaw is not provided in the product data. For details regarding warranty coverage, terms, and conditions, please refer to the documentation included with your purchase or contact the manufacturer directly.

For technical support, spare parts, or service inquiries, please contact the customer service department of OHEDMEH or your local Parkside service center. Keep your purchase receipt as proof of purchase.