

LUX-TOOLS A-EAS-20/156

LUX-TOOLS 1 PowerSystem A-EAS-20/156 Cordless Pruning Saw User Manual

Model: A-EAS-20/156

1. INTRODUCTION

Thank you for choosing the LUX-TOOLS 1 PowerSystem A-EAS-20/156 Cordless Pruning Saw. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new tool. Please read these instructions carefully before using the product and keep them for future reference. This pruning saw is designed for cutting branches and small wood in garden and landscaping applications.

2. SAFETY INSTRUCTIONS

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Failure to follow these instructions may result in serious injury.

2.1 General Power Tool Safety

- **Work Area Safety:** Keep the work area clean and well-lit. Cluttered or dark areas invite accidents. 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 (e.g., pipes, radiators, ranges, refrigerators). Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear appropriate personal protective equipment (PPE) including safety glasses, hearing protection, gloves, and sturdy footwear. Dress properly; avoid loose clothing or jewelry that can get caught in moving parts.

2.2 Pruning Saw Specific Safety

- **Maintain a Firm Grip:** Always hold the saw firmly with both hands during operation.
- **Kickback Prevention:** Be aware of kickback, which can occur when the tip of the guide bar touches an object, or when the wood closes in and pinches the saw chain in the cut.
- **Clear Work Area:** Ensure no bystanders, children, or pets are in the work area. Keep a safe distance from other people and animals.

- **Stable Footing:** Work only from a stable and secure position. Do not overreach.
- **Battery Safety:** Use only LUX-TOOLS 1 PowerSystem 20V batteries and chargers. Do not expose batteries to extreme heat or fire.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your LUX-TOOLS A-EAS-20/156 Cordless Pruning Saw.





The LUX-TOOLS 1 PowerSystem A-EAS-20/156 cordless pruning saw, shown with its battery attached, chain cover, and a small screwdriver for adjustments.



A side view of the pruning saw, illustrating its compact design, ergonomic handle, and the protective guard over the chain.

3.1 Components

1. Guide Bar
2. Saw Chain
3. Chain Cover

4. Ergonomic Handle
5. Safety Switch
6. Trigger Switch
7. Battery Compartment
8. Chain Tensioning Knob (Tool-free)
9. Protective Hand Guard
10. Screwdriver (for minor adjustments)

4. SETUP

Before first use, ensure all components are present and undamaged. The saw is part of the LUX-TOOLS 1 PowerSystem and requires a compatible 20V battery (sold separately).

4.1 Battery Installation and Removal



A close-up of the LUX-TOOLS 1 PowerSystem 20V Lithium-ion battery pack, which powers the pruning saw.

1. **Installation:** Align the battery pack with the battery compartment on the saw. Slide the battery into the compartment until it clicks securely into place. Ensure it is fully seated.
2. **Removal:** Press the battery release button (usually located on the battery pack itself) and slide the battery out of the compartment.

4.2 Chain and Guide Bar Assembly

The LUX-TOOLS A-EAS-20/156 features tool-free chain tensioning for easy setup.



A detailed view of the saw's chain and guide bar, featuring the LUX-TOOLS logo, demonstrating the cutting mechanism.

1. Ensure the battery is removed before handling the chain or guide bar.
2. Place the saw chain around the guide bar, ensuring the cutting edges face the correct direction (refer to markings on the chain and guide bar).
3. Fit the guide bar and chain onto the saw body, engaging the drive sprocket.
4. Adjust the chain tension using the tool-free tensioning knob until the chain is snug but can still be pulled freely around the guide bar by hand. There should be no slack on the underside of the guide bar, but the chain should not be overly tight.
5. Secure the guide bar cover.

5. OPERATING

Always wear appropriate safety gear (safety glasses, gloves, hearing protection) before operating the saw.

5.1 Starting and Stopping the Saw

1. **To Start:** Press and hold the safety switch (usually located on the handle) with one hand, then squeeze the trigger

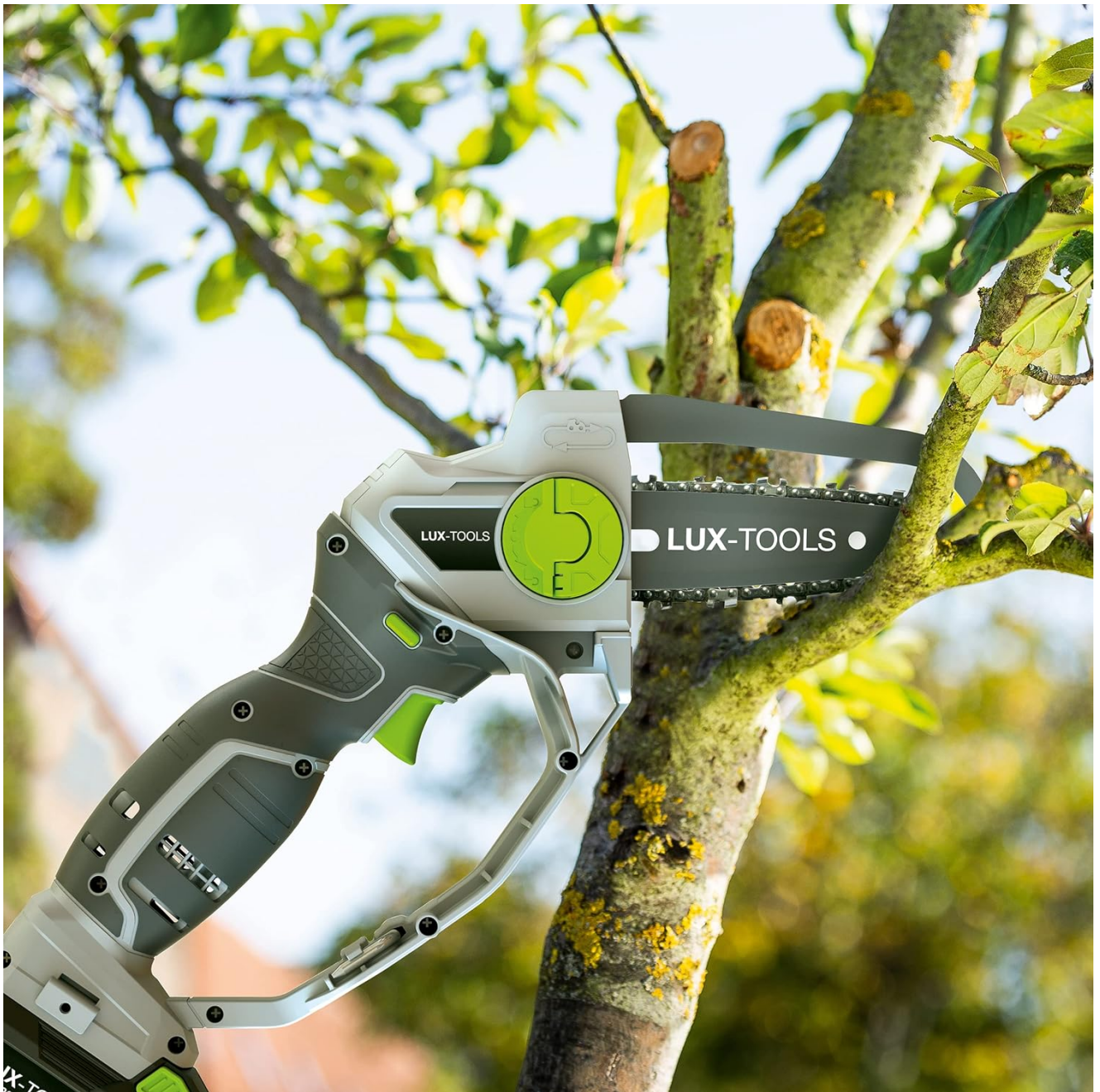
switch with the same hand. The saw chain will begin to move.

2. **To Stop:** Release the trigger switch. The chain will stop quickly.

5.2 Cutting Techniques



An image depicting the cordless pruning saw in action, cutting through a piece of wood, with sawdust visible, illustrating its cutting capability.



The pruning saw being used to cut a branch directly on a tree, highlighting its suitability for garden pruning tasks.



A user on a ladder operating the cordless pruning saw to trim higher branches, showcasing the tool's portability and ease of use for elevated tasks.

- **Small Branches:** For small branches, position the saw firmly against the branch and allow the saw to do the work. Do not force the cut.
- **Larger Branches:** For thicker branches, make a relief cut on the underside first to prevent pinching or splintering, then complete the cut from the top.
- **Avoid Kickback:** Always be aware of the guide bar tip. Avoid contact with other objects or the ground.
- **Overhead Work:** When working overhead, ensure stable footing and be mindful of falling debris. Consider using a ladder if necessary, ensuring it is stable.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your pruning saw. Always remove the battery before performing any maintenance.

6.1 Cleaning

- After each use, clean the saw body with a damp cloth.
- Remove sawdust and debris from the guide bar groove and around the sprocket.
- Ensure ventilation openings are clear of obstructions.

6.2 Chain Lubrication

The saw chain requires regular lubrication to reduce friction and wear. Apply chain oil to the guide bar groove and chain links before and during extended use.

6.3 Chain Sharpening and Replacement



A hand demonstrating the proper way to hold the pruning saw with the chain cover securely in place, emphasizing safety during handling and storage.

- A dull chain will reduce cutting efficiency and increase strain on the motor. Sharpen the chain regularly or replace it when necessary. Refer to the chain manufacturer's instructions for sharpening.
- When replacing the chain, ensure it is the correct size and type for your A-EAS-20/156 model.

6.4 Storage

- Always install the chain cover before storing or transporting the saw.
- Store the saw in a dry, secure place, out of reach of children.
- Remove the battery from the saw if storing for extended periods.

7. TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Saw does not start	Battery not charged or improperly installed; Safety switch not engaged; Faulty trigger switch.	Ensure battery is fully charged and correctly inserted. Press safety switch before trigger. If problem persists, contact service.
Chain does not move or moves slowly	Chain too tight; Chain dull or damaged; Guide bar clogged; Low battery charge.	Adjust chain tension. Sharpen or replace chain. Clean guide bar groove. Recharge battery.
Poor cutting performance	Dull chain; Incorrect chain tension; Insufficient lubrication.	Sharpen or replace chain. Adjust chain tension. Apply chain oil.
Excessive vibration	Damaged chain or guide bar; Loose components.	Inspect chain and guide bar for damage and replace if necessary. Check all fasteners for tightness.

8. SPECIFICATIONS

Technical data for the LUX-TOOLS 1 PowerSystem A-EAS-20/156 Cordless Pruning Saw.

Feature	Specification
Model	A-EAS-20/156
Brand	LUX-TOOLS
Power Source	Battery Powered
Voltage	20 Volts
Battery Type	Lithium-ion (not included)
Blade Length	16 cm
Product Dimensions (L x W x H)	42 x 15 x 17 cm
Weight (without battery)	1.5 kg
Handle Material	Composite
Blade Material	Alloy Steel
Special Feature	Tool-free chain replacement

9. WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please refer to the documentation included with your product or contact your retailer. You may also visit the official LUX-TOOLS website for further assistance.