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Makita XCU14SR1

Makita XCU14SR1 18V LXT Brushless Cordless 6" Pruning Saw Kit User Manual

Model: XCU14SR1

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Makita XCU14SR1 18V LXT Brushless Cordless 6" Pruning Saw Kit. Please read and understand all instructions before using the tool. Retain this manual for future reference.

The Makita XCU14SR1 is a compact and lightweight pruning saw designed for light limb cutting and pruning tasks. It features a Makita-built brushless motor for optimal cutting performance and tool-free chain adjustment for convenience.

2. SAFETY INFORMATION

WARNING: Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

- Always wear appropriate personal protective equipment (PPE) including safety glasses, gloves, and hearing protection when operating the pruning saw.
- Ensure the work area is clear of bystanders, especially children and pets.
- Keep hands and feet away from the cutting chain.
- Do not operate the saw in wet conditions or in the presence of flammable liquids or gases.
- Always remove the battery pack before making any adjustments, changing accessories, or storing the tool.
- Use only Makita 18V LXT Lithium-Ion batteries with Star Protection. Using non-genuine or "knock-off" batteries can cause fires, personal injuries, or property damage.
- Be aware of the Proposition 65 warning regarding potential exposure to chemicals.

3. PRODUCT COMPONENTS

Familiarize yourself with the key components of your Makita XCU14 Pruning Saw:

- **Compact Handheld Saw:** Designed for pruning and light limbing.
- **Makita-built Brushless Motor:** Delivers optimal cutting performance.

- **Retractable Guard:** Provides a saw chain barrier for safety.
- **"Tool-free" Chain Adjustment:** Allows for convenient operation and maintenance.
- **6" Guide Bar:** For precise cutting.
- **.325" LP, .043" Gauge Chain:** The specified chain type for this model.
- **18V LXT 2.0Ah Battery:** Provides power for cordless operation.



Figure 1: Makita XCU14 Pruning Saw with key components labeled, including the compact design, retractable guard, and tool-free chain adjustment.

4. SETUP

4.1 Battery Installation and Charging

1. Ensure the battery is fully charged using the provided 18V LXT Lithium-Ion Charger (DC18SD). Refer to the

charger's manual for specific charging instructions.

2. Align the battery pack (BL1820B) with the battery port on the saw.
3. Slide the battery into place until it clicks securely.
4. To remove, press the release button on the battery and slide it out.

4.2 Chain and Guide Bar Assembly (if not pre-assembled)

The kit includes a 6" Guide Bar (T-05913) and a 6" Saw Chain (T-05907).

1. Ensure the battery is removed before assembly.
2. Remove the chain cover.
3. Place the chain around the guide bar, ensuring the cutting edges are facing the correct direction.
4. Fit the guide bar and chain onto the saw, aligning the chain with the drive sprocket.
5. Replace the chain cover and hand-tighten the adjustment knob.

4.3 Chain Tension Adjustment

The XCU14 features "tool-free" chain adjustment for convenience.

1. With the battery removed, loosen the chain cover knob slightly.
2. Turn the chain tensioning dial to adjust the chain tension. The chain should be snug against the guide bar but still able to be pulled freely by hand.
3. Tighten the chain cover knob firmly.



Figure 2: Adjusting the tool-free chain tension for optimal performance and safety.

5. OPERATING INSTRUCTIONS

5.1 Pre-Operation Checklist

- Ensure the battery is fully charged.
- Check chain tension and ensure it is properly lubricated (refer to maintenance section).
- Verify the retractable guard is functioning correctly.
- Inspect the saw for any damage or loose parts.



Figure 3: Demonstrating the retractable guard, which acts as a saw chain barrier.

5.2 Starting and Stopping the Saw

1. To start: Press the safety lock-off button and then squeeze the trigger switch.
2. To stop: Release the trigger switch. The chain will stop quickly.

5.3 Cutting Techniques

- Hold the saw firmly with both hands. The soft grip handle is engineered for even cutting pressure.
- Position the saw so the branch is between the guide bar and the retractable guard.
- Allow the saw to reach full speed before engaging the wood.
- Apply steady, even pressure. Do not force the saw.
- Be aware of kickback, especially when cutting with the tip of the guide bar.
- The saw is capable of up to 140 cuts in 2" cedar with one fully charged 18V LXT 2.0Ah battery.

BENEFITS



OF BATTERY POWER VS. GAS



**NO GAS
NO MIXING**



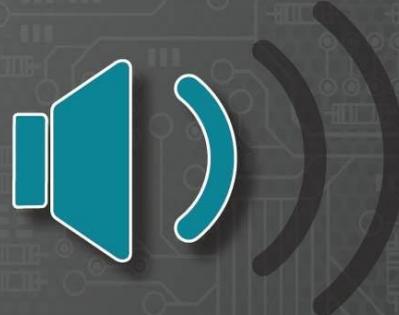
**INSTANT
STARTS**



**REDUCED
MAINTENANCE**



ZERO



LOW NOISE



Figure 4: Proper two-hand grip on the pruning saw for controlled operation.



Figure 5: Illustrating the saw's use for cutting branches, highlighting its maneuverability.

Your browser does not support the video tag.

Video 1: Official product video demonstrating the Makita XCU14 18V LXT Brushless 6" Pruning Saw in use, highlighting its cutting performance, compact size, and tool-free chain adjustment.

6. MAINTENANCE

6.1 Cleaning

- Always remove the battery before cleaning.
- Clean the saw thoroughly after each use, removing sawdust and debris from the chain, guide bar, and motor housing.
- Use a brush or compressed air for cleaning. Do not use solvents that could damage plastic parts.

6.2 Chain Lubrication

Regular chain lubrication is crucial for optimal performance and chain life.

1. Ensure the battery is removed.
2. Apply chain oil to the guide bar groove and chain links.
3. Check the oil level in the reservoir (if applicable) and refill as needed.



Figure 6: Refilling the chain oil reservoir to ensure proper lubrication during operation.

6.3 Chain Sharpening and Replacement

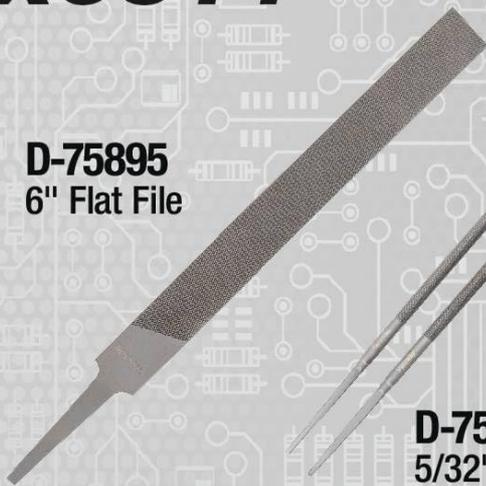
- A dull chain reduces cutting efficiency and increases kickback risk. Sharpen the chain regularly using appropriate tools (e.g., D-75683 5/32" Round Saw Chain Files or D-75910 5/32" Saw Chain Sharpening Kit).
- Replace the chain when it becomes too dull to sharpen or is damaged.



ACCESSORIES

XCU14

D-75895
6" Flat File



1913K4-9
Holster



D-75683
5/32" Round
Saw Chain Files,
2/pk



T-05913
6" Guide Bar,
.325" LP, .043"



T-05907
6" Saw Chain,
325" LP, .043"

D-75910
5/32" Saw
Chain Sharpening Kit



Figure 7: Available accessories for the XCU14, including chain sharpening tools and replacement parts.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Saw does not start	Battery not charged or improperly installed; Safety lock-off not engaged.	Charge battery, ensure proper installation; Press safety lock-off before trigger.
Poor cutting performance	Dull chain; Incorrect chain tension; Insufficient lubrication.	Sharpen or replace chain; Adjust chain tension; Lubricate chain.
Chain comes off guide bar	Loose chain tension; Worn chain or guide bar.	Adjust chain tension; Inspect and replace worn components.
Overheating	Overloading the saw; Blocked ventilation slots.	Reduce cutting load; Clean ventilation slots.

If problems persist after attempting these solutions, contact Makita customer service or an authorized service center.

8. SPECIFICATIONS

Feature	Detail
Brand	Makita
Model Number	XCU14SR1
Power Source	Battery Powered (18V LXT Lithium-Ion)
Blade Length	6 inches
Motor Type	Brushless
Item Weight	3.7 Pounds (with battery)
Product Dimensions	6.18"L x 18.43"W x 9.37"H
Included Components	18V LXT® Brushless 6" Pruning Saw (XCU14Z), 18V LXT® Lithium-Ion Charger (DC18SD), 18V LXT® Lithium-Ion Compact 2.0Ah Battery (BL1820B), 6" Guide Bar, .325" LP, .043", F002, 32 (T-05913), 6" Saw Chain, .325" LP, .043", 32, Low Kickback (T-05907)

9. WARRANTY AND SUPPORT

Your Makita XCU14SR1 Pruning Saw is covered by a Limited Warranty. Please refer to the warranty card included with your product for full details on coverage and terms.

For technical assistance, service, or to locate an authorized service center, please contact Makita customer support. If you have questions about your battery being genuine or a performance issue, contact Makita Factory Service Center or Authorized Service Center, or call (800)4-MAKITA.



LXT 18V | 36V
(18V x2)

"Knock-Off" Makita® Lithium-Ion Batteries May Burst
Causing Fires, Personal Injuries or Property Damage

CAUTION Makita® U.S.A., Inc. notifies tool users
of the hazards and risks of using non-genuine
("knock-off") Makita Lithium-Ion batteries.

If there is any question whether your battery is a
genuine Makita product, or if you have a
performance issue with your
Makita battery, tool, or charger, contact a Makita
Factory Service Center or Authorized Service
Center, or call (800)4-MAKITA.

**DON'T USE
KNOCK OFF
BATTERIES**

Figure 8: Important safety notice regarding the use of genuine Makita batteries to prevent hazards.

