

[Manuals.plus](#) /

› [Ingco](#) /

› INGCO 20V Brushless Cordless Chainsaw CGSLI20851 Instruction Manual

Ingco CGSLI20851

INGCO 20V Brushless Cordless Chainsaw CGSLI20851 Instruction Manual

Model: CGSLI20851

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and care of your INGCO 20V Brushless Cordless Chainsaw, model CGSLI20851. Please read these instructions thoroughly before using the chainsaw to ensure proper handling and to prevent injury or damage.

General Safety Warnings

- Always wear appropriate personal protective equipment (PPE) including safety glasses, hearing protection, gloves, and sturdy footwear.
- Ensure the work area is clear of bystanders, children, and pets.
- Do not operate the chainsaw in wet conditions or in the presence of flammable liquids or gases.
- Inspect the chainsaw for damage or loose parts before each use.
- Keep hands and feet away from the chain when the chainsaw is running.
- Disconnect the battery before performing any adjustments, cleaning, or maintenance.

PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- 1 x INGCO 20V Brushless Cordless Chainsaw (Main Unit)
- 1 x 8" Saw Chain
- 1 x 8" Chain Saw Bar
- 1 x 2.0Ah Battery Pack
- 1 x Charger (220-240V)
- 1 x Wrench
- 1 x Oil Bottle (empty)
- 1 x Instruction Manual (this document)



Image 1: The INGCO 20V Brushless Cordless Chainsaw, including the main unit, 2.0Ah battery, and charger.



INGCO
Professional Tools Made Affordable

Brushless motor
Voltage: 20V
Bar length: 8"(20cm)
Chain speed: 7.5m/s
Include:
1 Pcs 8" saw chain
1 Pcs 8" chain saw bar
1 Pcs oil bottle (empty)
1 Pcs wrench
1 Pcs 2.0Ah battery pack
1 Pcs charger
Charge volts: 220-240V~50/60Hz



SETUP

1. Battery Charging

1. Connect the charger to a standard 220-240V power outlet.
2. Insert the 2.0Ah battery pack into the charger.
3. Allow the battery to charge fully before first use. Refer to the charger's indicator lights for charging status.
4. Once charged, remove the battery from the charger.

2. Bar and Chain Installation

Ensure the battery is removed from the chainsaw before proceeding.

1. Remove the chain cover by loosening the retaining knob/nuts.
2. Carefully place the chain around the sprocket and guide bar. Ensure the cutting edges of the chain are facing the correct direction (refer to markings on the chain or bar).
3. Position the guide bar onto the chainsaw studs, ensuring the chain fits into the guide bar groove.
4. Replace the chain cover and lightly tighten the retaining knob/nuts. Do not fully tighten yet.

3. Chain Tensioning

Proper chain tension is crucial for safe and efficient operation. This model features tool-free chain tensioning.

1. While holding the tip of the guide bar up, adjust the chain tensioning screw (usually a knob on the side) until the chain fits snugly against the underside of the guide bar.
2. The chain should be tight enough that you cannot pull the drive links out of the bar nose, but loose enough to be pulled around the bar by hand without binding.
3. Once tensioned, fully tighten the retaining knob/nuts to secure the chain cover and guide bar.
4. Re-check chain tension after the first few cuts, as new chains can stretch.

4. Chain Lubrication

The chainsaw requires chain oil for proper operation and to extend chain life. The included oil bottle is empty and must be filled with appropriate chain lubricant (not included).

1. Locate the oil reservoir cap on the chainsaw.
2. Fill the reservoir with high-quality chain and bar oil. Do not use waste oil or motor oil.
3. Replace the cap securely.
4. Regularly check the oil level during operation and refill as needed.

OPERATING INSTRUCTIONS

Before Starting

- Ensure all safety warnings are understood and followed.
- Wear all required PPE.
- Check chain tension and oil level.
- Inspect the work area for obstacles and ensure a stable footing.

Starting the Chainsaw

1. Insert the charged battery pack into the chainsaw until it clicks into place.
2. Hold the chainsaw firmly with both hands.
3. Engage the safety lock-off button (if present) and then squeeze the trigger switch to start the chain.
4. Release the safety lock-off button once the chain is running.

Cutting Techniques

- Always maintain a firm grip with both hands.
- Position yourself to the side of the cutting path, not directly behind the chainsaw.
- Allow the chain to reach full speed before contacting the wood.
- Apply light pressure; let the chainsaw do the work.
- Be aware of kickback: avoid cutting with the tip of the guide bar.
- For pruning and trimming, support the branch to prevent it from pinching the chain.



LIGHTWEIGHT & ERGONOMIC

Image 3: A user demonstrating the lightweight and ergonomic design of the chainsaw during operation.

**NO GAS
NO CORDS**



CORDLESS FREEDOM

Image 4: The cordless chainsaw in action, cutting through a log, highlighting its freedom of movement without cords.



READY-TO-USE KIT

Image 5: A close-up view of the chainsaw's chain cutting into wood, demonstrating its cutting speed.



Image 6: The chainsaw cutting a log supported on a sawhorse, illustrating a typical use case.

MAINTENANCE

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

1. Chain Lubrication

- Continuously monitor the chain oil level during operation.
- Refill the oil reservoir with appropriate chain and bar oil as needed.
- Proper lubrication prevents premature wear of the chain and bar.



Image 7: Illustrates the process of lubricating the chainsaw chain, a key low-maintenance task.

2. Chain Sharpening

- A sharp chain is essential for safe and efficient cutting.
- Sharpen the chain regularly or have it professionally sharpened when it becomes dull.
- Refer to the chain manufacturer's specifications for correct sharpening angles and file sizes.

3. Cleaning and Storage

- After each use, clean the chainsaw thoroughly. Remove sawdust, chips, and debris from the chain, bar, and motor housing.
- Use a brush or compressed air for cleaning. Do not use water to clean electrical components.
- Store the chainsaw in a dry, secure location, out of reach of children.
- Ensure the guide bar cover is in place during storage.
- Remove the battery from the chainsaw before long-term storage.

TROUBLESHOOTING

Before attempting any troubleshooting, ensure the battery is removed from the chainsaw.

Problem	Possible Cause	Solution
Chainsaw does not start.	Battery not charged or improperly inserted. Safety lock-off not engaged.	Charge battery fully and ensure it is securely inserted. Engage safety lock-off before pressing trigger.
Chain does not move or moves slowly.	Chain tension too tight. Chain dull or damaged. Obstruction in chain path. Low battery charge.	Adjust chain tension. Sharpen or replace chain. Clear any debris. Recharge battery.
Excessive smoke or burning smell.	Chain dull. Insufficient chain lubrication. Motor overload.	Sharpen or replace chain. Refill chain oil reservoir. Reduce cutting pressure; allow motor to cool.
Chainsaw vibrates excessively.	Loose chain. Damaged chain or guide bar. Loose components.	Adjust chain tension. Inspect and replace damaged parts. Check all fasteners for tightness.

SPECIFICATIONS

Feature	Detail
Model Number	CGSLI20851
Motor Type	Brushless
Voltage	20V
Bar Length	8 inches (20 cm)
Chain Speed	7.5 m/s
Battery Capacity	2.0Ah
Charger Voltage	220-240V ~ 50/60Hz
Item Weight	2.9 kg
Product Dimensions	21L x 15W x 30H Centimeters
Horsepower	1 Horsepower

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or contact INGCO customer service. Keep your purchase receipt as proof of purchase. You can also visit the official INGCO website for more informationwww.ingco.com

ASK A QUESTION ABOUT THIS MANUAL

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

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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

Open the live page

<https://manuals.plus/asin/B0F3HX6MJT>

More documents and user manuals: <https://manuals.plus/>