

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [Ingco](#) /

> [INGCO 20V Lithium-Ion Brushless Mini Chainsaw CGSLI2068 Instruction Manual](#)

Ingco CGSLI2068

INGCO 20V Lithium-Ion Brushless Mini Chainsaw CGSLI2068 Instruction Manual

Model: CGSLI2068 | Brand: Ingco

1. INTRODUCTION

Thank you for choosing the INGCO 20V Lithium-Ion Brushless Mini Chainsaw CGSLI2068. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new tool. Please read it thoroughly before first use and keep it for future reference.

This chainsaw is designed for cutting wood and trimming tree branches. It is a bare unit, meaning the battery and charger are sold separately. It is compatible only with INGCO 20V lithium-ion batteries.

2. SAFETY INFORMATION

WARNING: Always follow basic safety precautions to reduce the risk of fire, electric shock, and serious personal injury.

- Always wear appropriate personal protective equipment (PPE) including safety glasses, gloves, and hearing protection when operating the chainsaw.
- Ensure the work area is clear of bystanders, especially children and pets.
- Inspect the chainsaw for any damage or loose parts before each use. Do not operate if damaged.
- Keep hands and feet away from the chain when the tool is connected to a power source.
- Use the chainsaw only for its intended purpose: cutting wood and trimming branches.
- Familiarize yourself with the safety lock and speed trigger. The thumb safety lock must be engaged for trigger security.
- Do not operate the chainsaw in wet conditions or in the presence of flammable liquids or gases.
- Always maintain a firm grip with both hands on the chainsaw during operation.
- Disconnect the battery pack before making any adjustments, changing accessories, or storing the tool.



Always wear appropriate safety gear, including hard hat, safety glasses, and ear protection, when operating power tools.

3. PACKAGE CONTENTS

Carefully unpack the box and ensure all items are present and undamaged.

- 1 x INGCO Mini Chainsaw (Bare Unit)
- 1 x Saw Chain
- 1 x Guide Bar
- 1 x Protective Cover
- 1 x Wrench

Note: Battery and charger are NOT included with this bare unit. They must be purchased separately.

BATTERY & CHARGER NOT INCLUDED



P20S Same Battery 200+ tools

The battery and charger are not included with the bare unit chainsaw.

4. PRODUCT OVERVIEW

Familiarize yourself with the different parts of your INGCO Mini Chainsaw.



Key components of the INGCO Mini Chainsaw.

- **Saw Chain:** The cutting component of the chainsaw.
- **Protective Baffle:** Guards against debris and kickback.
- **Guide Plate (Guide Bar):** Supports and guides the saw chain.
- **Brushless Motor:** Provides efficient and powerful operation.
- **Security Lock:** Prevents accidental starting.
- **Speed Switch (Trigger):** Activates and controls the chain speed.
- **Non-Slip Handle:** Ensures a secure and comfortable grip.

5. SETUP

5.1. Installing the Guide Bar and Saw Chain

1. Ensure the battery is removed from the chainsaw.
2. Place the guide bar onto the chainsaw body, aligning it with the mounting studs.

3. Carefully loop the saw chain around the sprocket and guide bar, ensuring the cutting edges face the correct direction (refer to chain markings).
4. Adjust the chain tension. The chain should be snug but still able to be pulled freely around the guide bar by hand. Do not overtighten.
5. Secure the guide bar and chain assembly using the provided wrench.

5.2. Filling the Oil Tank

The chainsaw features an automatic lubrication system. It is crucial to keep the oil tank filled with appropriate chain lubricant.

1. Ensure the chainsaw is on a level surface and the battery is removed.
2. Locate the oil tank cap (usually on top of the chainsaw body).
3. Unscrew the cap and fill the tank with suitable chainsaw chain oil. The capacity is approximately 70ml.
4. Replace the cap securely.
5. Check the oil level regularly during operation and refill as needed.



Filling the oil tank with chain lubricant. The tank has a capacity of approximately 70ml.

5.3. Battery Installation

This chainsaw requires an INGC0 20V Lithium-Ion battery.

1. Ensure the battery is fully charged before use.
2. Align the battery pack with the battery port on the chainsaw handle.
3. Slide the battery pack into the port until it clicks securely into place.
4. To remove, press the battery release button and slide the battery out.

6. OPERATION

6.1. Starting the Chainsaw

1. Ensure all safety precautions are followed and PPE is worn.
2. Hold the chainsaw firmly with both hands.
3. Press and hold the security lock button (usually located near the trigger).
4. While holding the security lock, squeeze the speed switch (trigger) to start the chain.
5. Release the security lock once the chain is running. The chainsaw will stop if the trigger is released.
6. The chainsaw may have a safety feature that requires the safety switch to be pressed for 2 seconds before a green light indicates it's active. If inactive for a minute, the light may go out, requiring re-activation.

6.2. Cutting Techniques

- Always ensure a stable footing and clear work area.
- Start cutting with the bottom of the guide bar, allowing the chain to pull the saw into the wood.
- Avoid cutting with the tip of the guide bar to prevent kickback.
- For branches, support the branch to prevent pinching the chain. Make relief cuts if necessary.
- Do not force the chainsaw; let the chain do the work.



Using the mini chainsaw to trim a tree branch.



Cutting a small log with the mini chainsaw.

7. MAINTENANCE

7.1. Chain Lubrication

The automatic lubrication system ensures the chain is constantly oiled during operation. However, it is essential to:

- Regularly check the oil level in the tank and refill with appropriate chain oil.
- Do not operate the chainsaw without sufficient chain oil, as this can cause rapid wear to the chain and guide bar.
- If storing the chainsaw for an extended period, it is advisable to drain the oil tank to prevent leakage.

7.2. Chain Sharpening and Replacement

A sharp chain is crucial for efficient and safe cutting.

- Sharpen the chain regularly or replace it when it becomes dull. A dull chain will cause the saw to work harder,

produce sawdust instead of chips, and increase the risk of kickback.

- For replacement chains, contact INGCO customer service or an authorized dealer to ensure compatibility. The chain is specific to this model.



The durable, quenched chain ensures efficient cutting performance.

7.3. Cleaning and Storage

- After each use, clean the chainsaw thoroughly, removing sawdust, debris, and oil residue.
- Use a soft cloth and mild detergent. Do not use harsh chemicals or abrasive cleaners.
- Ensure the guide bar groove is clear of debris.
- Store the chainsaw in a dry, secure place, out of reach of children. Always use the protective cover over the guide bar and chain.
- Remove the battery pack before storage.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Chainsaw does not start.	Battery not installed correctly or discharged. Safety lock not engaged or released too soon. Safety feature timed out (green light off).	Ensure battery is fully charged and properly inserted. Press and hold the safety lock, then squeeze the trigger. Re-engage the safety switch for 2 seconds until the green light appears.
Chain does not cut efficiently.	Dull chain. Incorrect chain tension.	Sharpen or replace the saw chain. Adjust chain tension as per setup instructions.
Oil leakage from the chainsaw.	Overfilled oil tank. Chainsaw stored with oil in tank. Loose oil tank cap or seal.	Fill oil tank only to the recommended level. Drain oil tank before extended storage. Ensure oil tank cap is securely tightened. Check for damaged seals.
Chain stops during cutting.	Battery low. Chain pinched in wood. Overload protection activated.	Recharge or replace battery. Release pressure, reposition, and restart cut. Allow the tool to cool down. Reduce cutting force.

9. SPECIFICATIONS

Parameter Information

Voltage: 20V \equiv

Battery capacity: 2.0Ah

Chain speed: 11m/s

Cutting Diameter: 12cm

Bare weight: 1.5KG

Charger voltage: 230V

Guide plate length: 6"

With 1pc wrench

Packed by color box



Detailed parameter information for the INGCO Mini Chainsaw.

Feature	Detail
Model Number	CGSLI2068
Voltage	20 V
Bar Length	15 cm (6 inches)
Chain Speed	11 m/s
Max. Cutting Diameter	12 cm
Bare Unit Weight	1.6 kg
Product Dimensions	46.2 x 17 x 8.8 cm
Power Source	Battery (20V Lithium-Ion, not included)

Feature	Detail
Motor Type	Brushless

BRUSHLESS MOTOR



The brushless motor provides efficient and powerful operation.

10. WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts (such as chains), please contact INGCO customer service or your authorized dealer. Refer to your purchase documentation for specific warranty terms and contact details.

You can often find contact information on the official INGCO website or through the retailer where you purchased the product.



© 2024 Ingco. All rights reserved.

This manual is for informational purposes only. Specifications are subject to change without notice.

