

**CRAFTSMAN CMCCS610B**

# CRAFTSMAN V20 Mini Chainsaw Instruction Manual

**MODEL: CMCCS610B**

Brand: CRAFTSMAN

## 1. Introduction

Thank you for choosing the CRAFTSMAN V20 Cordless 10-inch Mini Chainsaw (CMCCS610B). This manual provides essential information for the safe and efficient operation, maintenance, and care of your new tool. Please read all instructions carefully before use.

The V20\* Cordless 10-inch Chainsaw features a reliable motor and is designed for cuts up to 8-inches thick. It includes auto-oiling for continuous lubrication and bolt lock chain tensioning for reliable bar clamping. The integrated VERSATRACK™ hook allows for convenient storage with the VERSATRACK™ system (sold separately). The V20\* battery platform is compatible with CRAFTSMAN® V20\* Outdoor Equipment and Power Tools.

## 2. General 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.**

- **Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, gloves, and sturdy footwear when operating the chainsaw.
- **Work Area Safety:** Keep the work area clean and well-lit. Clear all bystanders, children, and pets from the work area. Do not operate chainsaws in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Chainsaw Specific Safety:**
  - Always hold the chainsaw firmly with both hands.
  - Be aware of kickback, which can occur when the moving chain at the tip of the guide bar touches an object, or when the wood closes in and pinches the saw chain in the cut.
  - Never operate the chainsaw with one hand.
  - Ensure the chain brake is engaged when carrying the chainsaw or when not actively

cutting.

- Do not overreach. Maintain proper footing and balance at all times.
- Never cut above shoulder height.

### 3. Package Contents

Your CRAFTSMAN V20 Mini Chainsaw (CMCCS610B) package includes the following items:

- CMCCS610 Chainsaw
- Bar Cover
- Wrench

**Note: Battery and charger are sold separately.**



Figure 1: Package contents of the CRAFTSMAN V20 Mini Chainsaw. The image displays the chainsaw unit, a black bar cover, and a small wrench, all neatly arranged. A note indicates that the battery and charger are sold separately.

### 4. Setup

## 4.1. Battery Installation

This chainsaw operates on the CRAFTSMAN V20 battery platform. Ensure your V20 battery (sold separately) is fully charged before use. To install the battery, align the battery with the receptacle on the chainsaw handle and slide it in until it clicks securely into place.

## 4.2. Chain and Bar Assembly

The chainsaw comes with a 10-inch bar and chain. The unit features bolt lock chain tensioning for reliable bar clamping and auto-oiling for continuous lubrication. Refer to the detailed instructions in the full manual for specific assembly steps if the bar and chain are not pre-assembled.



Figure 2: Key features of the CRAFTSMAN V20 Mini Chainsaw. The image points out the bolt lock chain tensioning mechanism, the auto-oiling system, and the 10-inch long bar and chain, designed for cuts up to 8 inches in diameter.

## 4.3. Oiling the Chain

The chainsaw features an auto-oiling system. Before each use, ensure the oil reservoir is filled with appropriate bar and chain oil. This provides continuous lubrication to the chain and bar during operation, minimizing maintenance and extending tool life.



## AUTO OILING FOR CONTINUOUS LUBRICATION

Figure 3: Detail of the auto-oiling system on the CRAFTSMAN V20 Mini Chainsaw. A close-up highlights the oil reservoir cap, indicating the tool's continuous lubrication feature.

## 5. Operating Instructions

### 5.1. Starting and Stopping the Chainsaw

To start the chainsaw, ensure the battery is installed and the chain brake is disengaged. Press the safety button (usually located on the handle) and then squeeze the trigger. The chain will begin to move. To stop, release the trigger. For immediate stopping, engage the chain brake.

### 5.2. Cutting Techniques

Always plan your cut before starting. Ensure the area is clear of obstructions and bystanders. Hold the chainsaw firmly with both hands. Begin cutting with the bottom of the guide bar, allowing the chain to do the work. Avoid forcing the saw. For larger branches, make an undercut first to prevent pinching.



## 10 IN. LONG BAR & CHAIN FOR CUTS UP TO 8 IN. DIAMETER

Figure 4: The CRAFTSMAN V20 Mini Chainsaw in action, cutting through a log. This image illustrates the effective use of the 10-inch bar and chain for cutting branches up to 8 inches in diameter.



Figure 5: A man operating the CRAFTSMAN V20 Mini Chainsaw to cut a fallen tree branch in a residential backyard, showcasing its practical application for yard work.



Figure 6: A woman using the CRAFTSMAN V20 Mini Chainsaw to cut a small log, highlighting the tool's ease of use and maneuverability for various users.

## 6. Maintenance

### 6.1. Chain Oiling

Regularly check the oil level in the reservoir and refill as needed. The auto-oiling system ensures the chain is continuously lubricated during operation, but manual checks are crucial to prevent damage.

### 6.2. Chain Tensioning

The chainsaw features bolt lock chain tensioning. Periodically check the chain tension. A properly tensioned chain should be snug against the guide bar but still allow you to pull it around by hand. Adjust as necessary using the provided wrench to ensure safe and efficient cutting.

### 6.3. Cleaning and Storage

After each use, remove the battery and clean the chainsaw. Use a brush or compressed air to remove sawdust, chips, and debris from the chain, bar, and motor housing. Store the chainsaw with the bar cover in a dry, secure location, away from children. The integrated VERSATRACK™ hook allows for convenient hanging storage (VERSATRACK™ system sold separately).

## 7. Troubleshooting

- **Chainsaw not starting:** Ensure the battery is fully charged and properly inserted. Check that the chain brake is disengaged and the safety button is pressed before squeezing the trigger.
- **Chain not moving or moving slowly:** Check chain tension; it might be too loose or too tight.

Ensure the oil reservoir is filled. Inspect the chain for damage or dullness.

- **Excessive vibration:** This could indicate a dull or damaged chain, improper chain tension, or a bent guide bar. Stop operation immediately and inspect the tool.

## 8. Specifications

Feature	Specification
Brand	CRAFTSMAN
Model Number	CMCCS610B
Power Source	Battery Powered (V20*)
Horsepower	1.2 Horsepower
Chain Length	10 Inches
Item Weight	6.69 pounds
Product Dimensions	9.69 x 7.56 x 23.47 inches
Color	Red
Style	Tool Only
Batteries Included?	No
Batteries Required?	Yes
UPC	885911787291

## 9. Warranty and Support

This CRAFTSMAN V20 Mini Chainsaw (CMCCS610B) comes with a 3-Year Limited Warranty. For warranty claims, technical support, or replacement parts, please refer to the contact information provided in your product packaging or visit the official CRAFTSMAN website.

For additional information or to explore other CRAFTSMAN V20 compatible tools, visit the [CRAFTSMAN Store on Amazon](#).