

[Manuals.plus](#) /

› [CHICAGO](#) /

› Electric Chain Saw Sharpener User Manual

CHICAGO Wall, Bench or Vise Mount

Electric Chain Saw Sharpener

Model: Wall, Bench or Vise Mount

Brand: CHICAGO

PRODUCT OVERVIEW

The CHICAGO Electric Chain Saw Sharpener is designed to quickly and efficiently sharpen saw chains. It features a robust direct drive ball bearing motor and a secure chain clamp handle to hold the chain in place during the sharpening process. This versatile sharpener can be mounted on a wall, bench, or secured with a vise, offering flexibility for various workshop setups.



This image displays the CHICAGO Electric Chain Saw Sharpener. The sharpener is red and features a grinding wheel with a clear safety guard. A saw chain is securely clamped in the adjustable vise mechanism, ready for sharpening. The unit is designed for wall, bench, or vise mounting, indicated by its sturdy base.

SETUP INSTRUCTIONS

Before operating the sharpener, ensure it is securely mounted and all safety precautions are observed.

1. **Mounting:** Choose a stable location for mounting. The sharpener can be mounted to a wall, a workbench, or secured using a vise. Ensure the mounting surface is strong enough to support the sharpener and withstand operational vibrations.
2. **Power Connection:** Connect the 7 ft. 11" power cord to a standard 120-volt AC outlet. Ensure the power switch is in the 'OFF' position before plugging in.
3. **Chain Installation:** Open the chain clamp handle. Carefully position the saw chain into the vise mechanism. The vise capacity accommodates chains between 0.5" and 0.8" thickness. Securely tighten the chain clamp handle to hold the chain firmly in place, ensuring no movement during sharpening.
4. **Angle Adjustment:** Adjust the table vise angle to match the required sharpening angle for your chain, typically between 0 and 35 degrees to the right or left. Refer to your chainsaw chain's specifications for the correct angle.

OPERATING INSTRUCTIONS

Follow these steps for safe and effective chain sharpening:

1. **Safety First:** Always wear appropriate personal protective equipment, including safety glasses and gloves, before operating the sharpener.
2. **Power On:** Once the chain is securely clamped and the angle is set, turn the power switch to the 'ON' position. The motor will reach its operating speed of 5000 RPM.
3. **Sharpening Process:** Gently bring the grinding wheel into contact with the chain cutter. Apply light, consistent pressure. Sharpen each cutter tooth individually, ensuring an even grind. Avoid excessive pressure, which can damage the chain or the grinding wheel.
4. **Advance Chain:** After sharpening one tooth, release the grinding wheel, loosen the chain clamp slightly, and advance the chain to the next tooth. Re-secure the clamp before sharpening.
5. **Alternate Sides:** For optimal results, sharpen all teeth facing one direction, then reverse the chain in the vise and sharpen all teeth facing the opposite direction.
6. **Power Off:** Once all teeth are sharpened, turn the power switch to the 'OFF' position and unplug the sharpener from the power outlet.

MAINTENANCE

Regular maintenance ensures the longevity and performance of your sharpener.

- **Cleaning:** After each use, unplug the sharpener and use a brush or compressed air to remove dust and debris from the motor housing, grinding wheel area, and vise mechanism.
- **Grinding Wheel Inspection:** Periodically inspect the 4-1/4" diameter x 1/8" H grinding wheel for wear or damage. Replace the wheel if it becomes chipped, cracked, or excessively worn.
- **Lubrication:** The direct drive ball bearing motor is generally maintenance-free. Do not attempt to lubricate internal components unless specified by the manufacturer.
- **Storage:** Store the sharpener in a clean, dry place, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

If you encounter issues, refer to these common troubleshooting tips:

- **Sharpener Not Starting:**
 - Ensure the power cord is securely plugged into a live 120V outlet.
 - Check the power switch for proper engagement.
 - Verify that the circuit breaker or fuse for the outlet has not tripped.
- **Poor Sharpening Results:**
 - Confirm the chain is securely clamped and not moving during sharpening.
 - Verify the grinding angle is correctly set for your chain type.
 - Inspect the grinding wheel for wear; a worn wheel will not sharpen effectively.
 - Ensure light, consistent pressure is applied. Excessive pressure can burn the chain or glaze the wheel.
- **Excessive Vibration/Noise:**
 - Check that the sharpener is securely mounted to the wall, bench, or vise.
 - Inspect the grinding wheel for damage or imbalance. Replace if necessary.

For issues not covered here, contact customer support.

SPECIFICATIONS

Feature	Detail
Brand	CHICAGO
Model	Electric Chain Saw Sharpener Wall, Bench or Vise Mount
Color	Red, Silver
Power Source	Corded Electric
Voltage	120 Volts
Wattage	90 Watts
Amperage	0.75 Amp
Motor Type	Direct Drive Ball Bearing
Speed	5000 RPM
Vise Capacity	0.5" - 0.8"
Table Vise Angle	0-35° Right or Left
Spindle Thread	9/16"-18 NPT
Power Cord Length	7 ft. 11"
Grinding Wheel Dimensions	4-1/4" diameter x 1/8" H

Overall Dimensions (L x W x H)	10" L x 9" W x 12-1/8" H
Item Weight	6.60 lbs.
Included Components	Chain clamp handle, Table vise
UPC	792363682220

WARRANTY INFORMATION

This CHICAGO Electric Chain Saw Sharpener comes with a Limited Warranty. For specific terms, conditions, and duration of the warranty, please refer to the warranty card included with your product or contact the manufacturer directly.

CUSTOMER SUPPORT

For technical assistance, replacement parts, or further inquiries, please contact CHICAGO customer support. Refer to the product packaging or the manufacturer's official website for contact details.

© 2025 CHICAGO. All rights reserved.

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

