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NEOTEC 01

NEOTEC Electric Chainsaw Sharpener Kit User Manual

Model: 01 | Brand: NEOTEC

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your NEOTEC Electric Chainsaw Sharpener Kit. Please read it thoroughly before initial use and retain it for future reference.

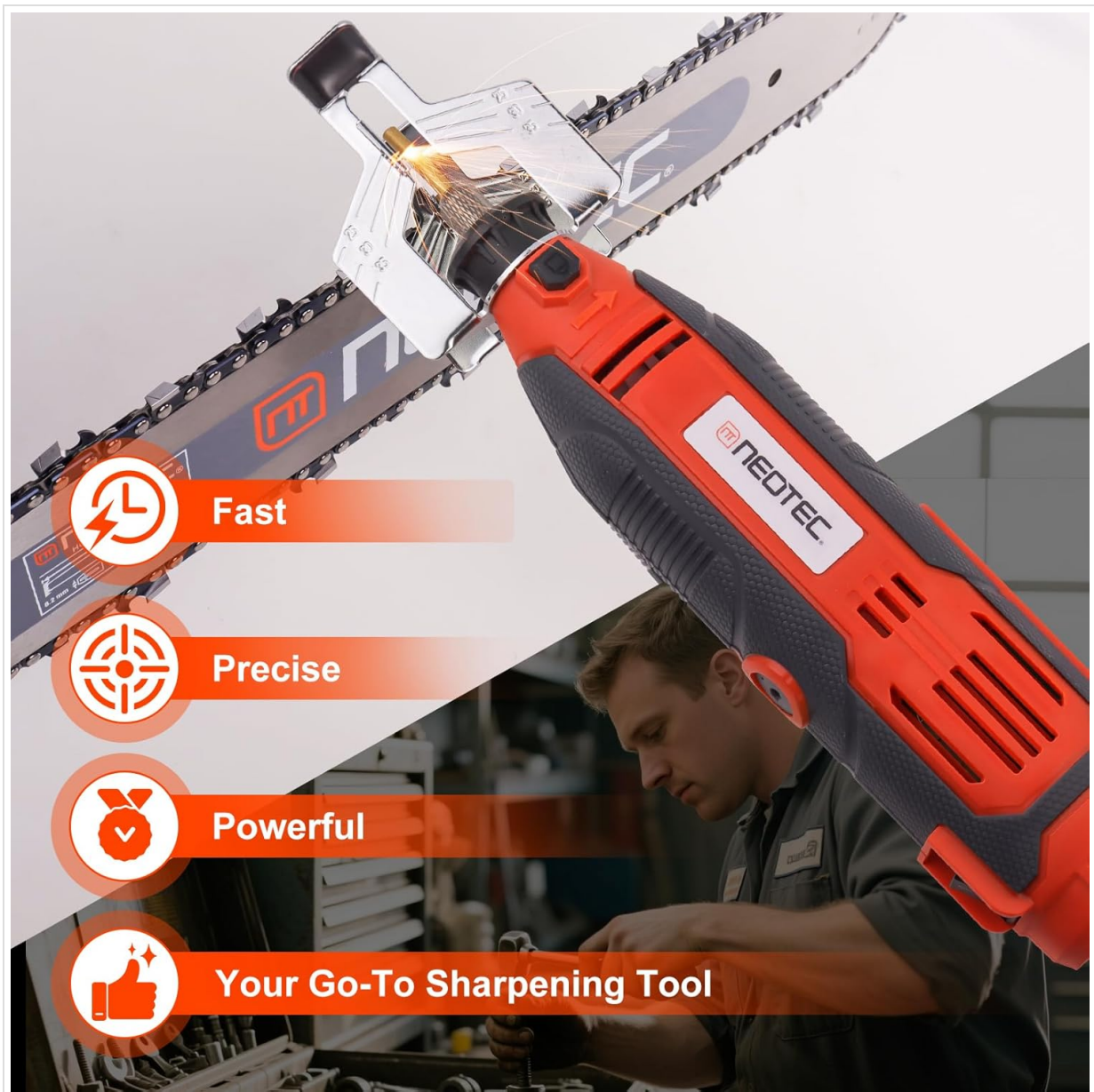


Figure 1: NEOTEC Electric Chainsaw Sharpener in action, demonstrating its efficiency.

2. WHAT'S INCLUDED

Your NEOTEC Electric Chainsaw Sharpener Kit includes the following components:

- 1 x 120V Electric Chain Saw Sharpener Tool
- 1 x Chainsaw Angle Guide Attachment
- 1 x Wrench
- 1 x Measuring Wrench
- 6 x File Size Diamond Sharpening Wheels (2 * 5/32" (4.0mm), 2 * 3/16" (4.8mm), 2 * 7/32" (5.5mm))

Compatible with ALL Chainsaws



**7/32" Sharpening
Wheels×2**



**5/32" Sharpening
Wheels×2**



**3/16" Sharpening
Wheels×2**



Wrench x1



Measuring Wrench x1



Angle Attachment x1



Figure 2: All components included in the NEOTEC Electric Chainsaw Sharpener Kit.

3. SETUP

Follow these steps to correctly assemble your NEOTEC Electric Chainsaw Sharpener:

1. **Identify Components:** Familiarize yourself with the main parts of the sharpener.

Trusted by 5000+ Customers

★★★★★
Convenient and Safe Chain Sharpening
"I like that this tool sharpens chains on the saw, without removal, and it's gentle on the equipment. I highly recommend it for its simplicity and speed."

★★★★★
Effortless Electric Chainsaw Sharpener with NEOTEC
"I can now sharpen dull chains in just ten minutes. This sharpener would have been a great addition to my toolbox ten years ago."

★★★★★
Way Faster Than Hand Sharpening!
So far, it's great! It sharpens my chains just as well as hand sharpening, but much quicker. Just make sure to use the right bit and "get the gullet."

★★★★★
Works Great!
I like that the sharpening wheels are metal, not stone. They keep their shape better. With 5 chainsaws for cutting logs and firewood, this tool saves me lots of time and effort.

Figure 3: Labeled components of the sharpener.

2. Install Sharpening Wheel:

- Press the "Spindle Lock Button" and loosen the "Collet Nut".
- Insert the selected sharpening wheel fully into the collet to prevent it from falling off.
- Hold the "Spindle Lock Button" with your left hand and use the "Wrench" to tighten the "Collet Nut" with your right hand. Keep pressing the "Spindle Lock Button" while tightening.



Figure 4: Visual guide for sharpener assembly.

3. **Attach Angle Guide:** Rotate out the "Housing Cap". Install the "Angle attachment" and tighten the "Housing Cap".
4. **Power Connection:** After connecting the power supply, press the "Safety Switch" to turn on the tool.
5. **Adjust Speed:** Adjust the 1-6 speed levels to select the appropriate number of revolutions for your sharpening task.

Your browser does not support the video tag.

Video 1: Official guide on how to correctly assemble the NEOTEC Electric Chainsaw Sharpener.

4. OPERATING INSTRUCTIONS

The NEOTEC Electric Chainsaw Sharpener is designed for efficient on-saw sharpening, eliminating the need to remove the chain. This tool allows for rapid sharpening, significantly reducing maintenance time.

4.1. Selecting the Correct Bit

Use the provided measuring wrench to determine the correct file size diamond sharpening wheel for your chainsaw chain. The kit includes 5/32" (4.0mm), 3/16" (4.8mm), and 7/32" (5.5mm) bits to accommodate most chains.

4.2. Sharpening Process

1. Ensure the chainsaw is securely positioned and cannot move during sharpening.
2. Align the angle attachment with the desired sharpening angle (e.g., 25°, 30°, 35°). The attachment helps maintain a precise angle and depth.



Figure 5: Precise angle adjustment for optimal sharpening.

3. With the sharpener turned off, position the sharpening wheel against the cutting edge of a chain tooth.
4. Turn on the sharpener and gently slide the rotary tool in and out against the cutting edge. One or two passes should be sufficient to sharpen the edge.
5. Repeat this process for all chainsaw teeth, ensuring consistent passes on each tooth to remove a uniform amount of material.

More Convenient

No Disassemble, Everyone Can Master Chainsaw



Figure 6: On-saw sharpening in progress, highlighting ease of use.

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Video 2: Display video of the NEOTEC Electric Chainsaw Sharpener Kit in use.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your sharpener:

- **Cleaning:** After each use, clean the sharpener and bits to remove any dust or debris.
- **Bit Replacement:** Replace sharpening wheels when they show signs of wear to maintain sharpening effectiveness. The titanium-plated wheels are durable but are consumables.
- **Carbon Brushes:** The sharpener includes two spare carbon brushes. Replace them if the original brushes wear out to ensure continuous operation.
- **Storage:** Store the sharpener and its accessories in a dry, clean place, preferably in its original packaging, when not in use.

6. TROUBLESHOOTING

If you encounter issues with your sharpener, consider the following common solutions:

- **Tool not turning on:** Ensure the power cord is securely plugged in and the safety switch is in the 'ON' position. Check the power outlet.
- **Ineffective sharpening:** Verify that the correct size sharpening wheel is installed and securely tightened. Ensure the angle attachment is set to the appropriate angle for your chain.
- **Sharpening wheel falling off:** Ensure the collet nut is fully tightened using the provided wrench.
- **Overheating:** The sharpener has heat dissipation holes. Ensure they are not blocked to prevent overheating and extend usage time.

7. SPECIFICATIONS

| Feature | Detail |
|--------------------|--------------------------------------|
| Product Dimensions | 10 x 2.7 x 2 inches |
| Item Weight | 1.92 pounds |
| Manufacturer | NEOTEC |
| Item Model Number | 01 |
| Power | 130W |
| Voltage | 120V |
| Speed Settings | 6 adjustable speeds (8000-30000 RPM) |

8. WARRANTY AND SUPPORT

The NEOTEC Electric Chainsaw Sharpener Kit comes with a standard 1-year warranty. This warranty period can be extended to 3 years upon product registration. For support or warranty claims, please contact NEOTEC customer service.