



# 12V ELECTRIC CHAINSAW SHARPENER



**WARNING**  
This product contains or, when used, produces a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.  
(California Health & Safety Code § 25249.5, et seq.)

*\*Actual product may vary slightly*

Please carefully read and save these instructions before attempting to assemble, maintain, install, or operate this product. Observe all safety information to protect yourself and others. Failure to observe the instructions may result in property damage and/or personal injury. Please keep instructions for future reference.

For warranty purchases, please keep your dated proof of purchase. File or attach to the manual for safe keeping.

This electrical powered chain saw sharpener is designed to sharpen most type of chainsaw chains

## IMPORTANT SAFETY INFORMATION

Wear eye protection and dust mask. Grinding will cause dust and sparks Chain Saw Cutters must be sharpened equally and evenly. Uneven sharpening can cause the saw to kickback resulting in potential personal injury.

## WARNING

Chainsaw sharpener operates at high speeds. Incorrect assembly or misuse can result in personal injury or property damage. Read and follow ALL safety precautions listed below. Failure to follow all instructions may result in electric shock, fire, serious personal injury and or property damage.

- Grinding produces sparks during operation. Always use this tool in a well ventilated area. Do not use in areas containing explosive fumes or flammable materials.
- Grinding produces a fine dust-like debris while in operation. Always wear a standard dust mask during operation. This tool should always be used in a well ventilated area.
- Keep work area clean and well lit.
- Always wear adequate eye protection to withstand flying sparks and metal shavings/debris.
- Always make sure that the power switch is in the OFF position before plugging into a power source.
- Double check the locknut for correct, secure grinding-stone installation before each use.
- Do not use on any object other than saw chain.
- NEVER sharpen saw chain while the chainsaw's engine is running.
- Keep bystanders, children and visitors away while operating power tools. Distractions can cause you to loose control and lead to personal injury and or property damage.
- Never use this power tool in wet or rainy conditions. Water increases the risk of electric shock.
- Never use the cord to carry the tool or pull plug from the outlet. This can result in cord damage and potential risk of electric shock. When operating a power tool outside, use an out door extension cord marked "W-A" or "W". These cords are rated for outdoor use and reduce the risk of electric shock.

## Personal Safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.
- Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry, or long hair can be caught in moving parts.
- Avoid accidental starting. Be sure switch is off before plugging in, Carrying tools with you finger on the switch or plugging in tools that have the switch on invites accidents.
- Remove adjusting keys or switches before turning the tool on. A switch or a key that is left attached to a rotating part of this tool may result in personal injury.

- Keep proper footing and balance at all times. Proper footing and balance enables better control of the tool in unexpected situations.
- Use safety equipment. Always wear eye protection, Dust mask, non-skid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.

### ASSEMBLY OF CHAINSAW SHARPENER

There are numerous types of saw chain used on different kinds of chain saws. For this reason, it is important that you assemble your Electric Chainsaw Sharpener to suit the particular chain on your saw.

1. First, to determine what size stone is required to sharpen your chain.

To do this, refer to your chain saw's owner's manual, your chain saw instruction manual or contact your chain saw manufacturer. Usually, the size and pitch of the chain is stamped or printed on the chain saw's bar.

2. Your Electric Chainsaw Sharpener comes with 3 different size stones.

*5/32" (smallest diameter stone) Fits saws with 1/4 pitch or 3/8" Low Profile chain*

*3/16" (medium diameter stone) Fits saws with .325 Pitch chain*

*7/32" (largest diameter stone) Fits saws with 3/8" Pitch chain*  
You can identify the size of each stone by sizing it with the Multi-Wrench included.

3. Once you have identified the correct stone for your saw's chain, remove the collet cap from the end of your sharpener. (FIG 1)

**MAKE SURE TOOL IS OFF AND DISCONNECTED FORM POWER SOURCE.**

4. Attach the correct sharpening stone by slowly turning chuck while simultaneously pressing lock button engages. (FIG 2)

5. Open chuck and insert shank of sharpener. Make sure to leave approx 1/4" of shank exposed between chuck cap and stone. (FIG 3)

6. Tighten chuck using enclosed Multi-Wrench.

7. Screw on chain saw sharpening Guide. (FIG 4)

8. The Sharpening Guide must be adjusted up or down on the mounting plate so the correct amount of the stone's diameter will be exposed.

9. To adjust stone to correct depth, loosen screws on the mounting plate of the Sharpening Guide.

10. Place Multi-Wrench on its side with the four round notches down upon the face of the Sharpening Guide. The four notches

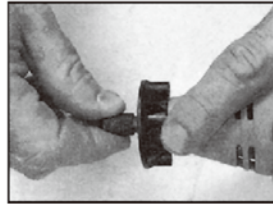


Figure 1



Figure 2

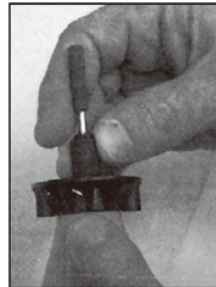


Figure 3

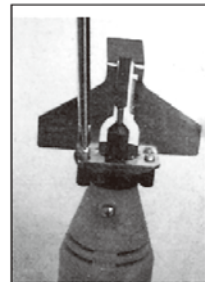


Figure 4

correspond to the different stone size (5/32, 3/16, 7/32 and 4.5mm.) Position correct size notch over the stone seated in gullet of the notch. (FIG 5) You're now ready to sharpen.

### SHARPENING THE CHAIN

1. Place your saw on a flat, solid, stable surface so it will not move or slide around during the sharpening process. The chain tension should be adjusted to the manufacturer's specifications. This will prevent the cutters from moving during the sharpening process.
2. Position the saw so you are facing the bar with the chain saw motor to your right. Always sharpen the saw away from your body. Sharpen chain saw cutting teeth or cutters as shown in Fig 6 and 7. The sharpening guide should lay flat on the chain with the stone positioned in the cutter at a 30 degree angle to the bar Use the guide lines on the top of the sharpening Guide for reference.
3. When sharpening, use two or three light strokes back and forth with the sharpener. Let the sharpener and stone do the Sharpen all cutters equally.
4. When all the teeth on the top of the bar have been sharpened, use a glove or rag to advance the chain by pulling toward the end of the bar. Sharpen remaining cutters evenly.



Figure 5

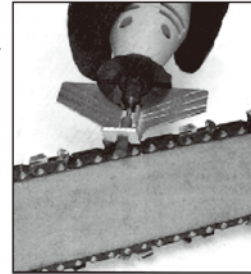


Figure 6



Figure 7

### WARNING!

#### DO NOT SHARPEN CHAIN EXCESSIVELY

Never exceed the manufacturers recommended depth-gauge setting for your chain and follow manufacturers current specifications for correct filing angles.

Excessive depth-gauge settings or incorrect filing angles can increase the risk of kickback, which can cause serious injury to the saw operator or bystanders.

#### ALWAYS REFER TO CHAIN SAW'S OWNER'S MANUAL FOR CORRECT SHARPENING SPECIFICATIONS.

#### Limited Manufacturer Warranty

*FOT makes every effort to ensure that this product meets high quality and durability standards. FOT warrants to the original retail consumer a 1-year limited warranty from the date the product was purchased at retail and each product is free from defects in materials. Warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence or accidents, repairs or alterations, or a lack of maintenance. FOT shall in no event be liable for death, injuries to persons or property, or for incidental, special or consequential damages arising from the use of our products. To receive service under warranty, the original manufacturer part must be returned for examination by an authorized service center. Shipping and handling charges may apply. If a defect is found, FOT will either repair or replace the product at its discretion.*

#### DO NOT RETURN TO STORE

For Customer Service:

Email: [feedback@natitools.com](mailto:feedback@natitools.com) or Call 1-800-348-5004