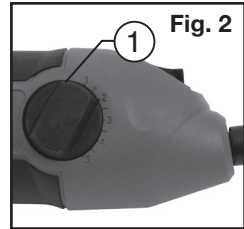


## SETTING DEPTH CONTROL

The engraving depth can be adjusted to suit the type of surface being engraved.

To engrave a shallow marking, set the depth control knob (1) to 1 (Fig. 2). To engrave a deep marking, set the depth control knob to 5.

**NOTE:** *Softer materials will require settings of 1 to 3. Hard materials will require settings of 3 to 5. Always test the depth control setting on a scrap workpiece of the same material as the good workpiece to be sure the depth control is set correctly and will engrave the workpiece correctly.*

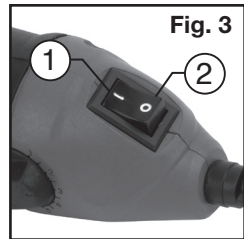


## OPERATING ENGRAVING TOOL

**▲WARNING:** Always use safety glasses, ear protection and a dust mask when operating the engraving tool. Using these safety items will protect you against flying particles during the engraving process.

The engraving tool can be used to engrave many different types of materials, including metal, glass, plastic, wood, ceramics etc.

1. Check to make sure the engraving tip is in good condition and is properly installed in the tool (Fig. 1).
2. Set the depth control knob (Fig. 2).
3. Plug the power cord into the power source.
4. Turn the tool ON, by pressing the top of the ON/OFF switch (1) (Fig. 3). To turn the tool OFF, press the bottom part of the ON/OFF switch (2).
5. Hold the engraving tool at an angle to the workpiece as you would hold a pen and begin engraving.



**NOTE:** *Do not press down too hard while engraving. Use only light pressure while guiding the engraving point on the workpiece. Always use consistent pressure on the engraving tip and move the tool on the workpiece at a consistent speed to produce consistent engraving results.*

**▲WARNING:** The engraver will build up heat during continuous operation. Do not operate the engraver continuously for more than 5 minutes at a time. After 5 minutes of continuous operation, the tool must be turned OFF and allowed to cool down for at least 5 minutes.

### 1 YEAR WARRANTY

PERFORMANCE TOOL® extends only the following warranties, and only to original retail purchasers. These warranties give specific legal rights. Except where prohibited by local law, the law of the State of Washington governs all warranties and all exclusions and limitations of warranties and remedies. There may be other rights which vary from state to state.

PERFORMANCE TOOL® warrants the product to be free from defects in materials and workmanship under normal use and service. A defective product may be returned for a free replacement within 90 days from the date of purchase, provided that product is returned to place of purchase immediately after discovery of defect. After 90 days and up to one year from date of purchase, PERFORMANCE TOOL® will replace at no charge any parts which our examination shall disclose to be defective and under warranty. These warranties shall be valid only when a sales receipt showing the date of purchase accompanies the defective product or defective part (s) being returned. For part (s) after 90 days, please remit your request, postage prepaid to:

PERFORMANCE TOOL, P.O. Box 88259 Tukwila, WA 98138

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PERFORMANCE TOOL® does not authorize any other person to make any warranty or to assume any liability in connection with its products.

Except for warranties of title and the limited express warranties set forth above, PERFORMANCE TOOL® makes no express or implied warranties of any kind with respect to its products. In particular, PERFORMANCE TOOL® makes no implied warranty of merchantability and no implied warranty of fitness for any particular purpose, except that for goods purchased primarily for personal, family or household use and not for commercial or business use, PERFORMANCE TOOL® makes an implied warranty of merchantability (and, if otherwise applicable, an implied warranty of fitness for a particular purpose), but only for the particular qualities or characteristics, and for the duration, expressly warranted above.

The laws on limitation of implied warranties may differ from state to state, so the above limitations may not apply in all cases.

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# 120V ELECTRIC ENGRAVER

Item Number W50036

## OWNER'S MANUAL

### SPECIFICATIONS:

|                                |                               |
|--------------------------------|-------------------------------|
| Operating Cycle .....          | 5 min ON/5 min OFF            |
| Motor .....                    | 120V, 60hz, 0.2 AMP           |
| Strokes per Minute (SPM) ..... | 3,600                         |
| Weight .....                   | 13 oz.                        |
| Engraving Bit .....            | Tungsten carbide tipped steel |

**CAUTION:** Use noise protection. Exposure to noise can lead to loss of hearing.

Specifications are subject to change without notice.



Performance Tool®

**▲WARNING:** It is the owner and/or operators' responsibility to study all WARNINGS, operating, and maintenance instructions contained on the product label and instruction manual prior to operation of this product. The owner/operator shall retain product instructions for future reference.

The owner and/or operator are responsible for maintenance, maintaining all decals or warning labels and while in use, maintaining the unit in good working order. If the owner and/or operator are not fluent in English, the product warnings and instructions shall be read and discussed with the operators' native language by the purchaser/owner or his designee. Make sure that the operator comprehends its contents. Safety information shall be emphasized and understood prior to usage. The product shall be inspected per the operating instructions.

Users of this product must fully understand these instructions. Each person operating this product must also be of sound mind and body and must not be under the influence of any substance that might impair their vision, dexterity or judgment.

Protect yourself and others by observing all safety information.

Failure to comply with instructions could result in personal injury and/or property damage! If you encounter any problems or difficulties, please contact our customer service department at: 1-800-426-1262 between 6 a.m. and 5 p.m. Pacific time.

## SAFETY GUIDELINES / DEFINITIONS

*This instruction manual is intended for your benefit. Please read and follow the safety, installation, maintenance and troubleshooting steps described within to ensure your safety and satisfaction. The contents of this instruction manual are based upon the latest product information available at the time of publication. The manufacturer reserves the right to make product changes at any time without notice.*

**▲WARNING:** Read and understand this entire instruction manual before attempting to assemble, install, operate or maintain this product. Failure to comply with the instructions may result in serious personal injury and/or property damage!

The following signal words are used to emphasize safety warnings that must be followed when using this product:

**▲DANGER:** Indicates an imminently hazardous situation that, if not avoided, WILL result in death or serious injury.

**▲CAUTION:** Indicates a potentially hazardous situation that, if not avoided, MAY result in minor or moderate injury.

**▲WARNING:** Indicates a potentially hazardous situation that, if not avoided, COULD result in death or serious injury.

**▲NOTE:** Indicates important information, which if not followed, MAY cause damage to equipment.

## WORKPLACE SECURITY

- Keep the area clean and well lit. Cluttered or dark areas can cause accidents.
- Do not use power tools in explosive environments, e.g. in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and people away during the use of the tool. Distractions can cause you to lose control of the tool.

## ELECTRICAL SAFETY

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid contact with grounded objects such as pipes, radiators, stoves and refrigerators. There is an increased risk of electric shock if your body is in contact with grounded surfaces.
- Do not misuse the cord. Do not use the cord for carrying, pulling or unplugging the tool. Keep the cord away from heat, oil, edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a tool outside, use an extension cord suitable for outdoor use. Using a cable suitable for outdoor use reduces the risk of electric shock.
- Do not expose power tools to rain or wet conditions. The penetration of water into a tool increases the risk of electric shock.
- If it is necessary to use the tool in a location with moisture, use a secure supply with residual current device (RCD). The use of an RCD reduces the risk of electric shock.

## PERSONAL SAFETY

- Be aware of what you are doing and use common sense while using the tool. Do not use a tool when you are tired or under the influence of drugs, alcohol or medication. A moment of distraction while using a tool can cause serious personal injury.
- Use safety equipment. Always wear eye protection. Safety equipment such as dust masks, non-slip safety shoes, helmets or ear protection used in appropriate conditions will reduce the risk of injury.
- Avoid accidental starting. Make sure that the switch is in the off position before plugging in to power or battery, collect or transport. Carrying tools with your finger on the trigger or plugging the tool in with the trigger pulled can cause accidents and injury.
- Remove any adjusting key before turning the tool on. A key left attached to a rotating part of the tool may result in personal injury.
- Do not rush. Maintain proper footing and balance at all times. This allows better control of the tool in unexpected situations.
- Dress appropriately. Do not wear loose clothing or jewelry. Keep hair, clothing and gloves away from moving parts. Loose clothing, jewelry or long hair can get caught in moving parts.
- If devices for connecting equipment for extraction and dust collection are supplied, make sure they are connected and properly used. Use of dust collection can reduce risks due to dust.
- Use the tool, accessories and blades, etc. according to these instructions, taking into account the working conditions and the work to be done. The use of the tool for operations other than those provided can lead to dangerous situations.

## USE AND MAINTENANCE OF THE TOOL

- Use clamps or another practical means to secure and support the workpiece to a stable platform. Holding the work in a hand or against the body is not stable, and may lead to loss of control or possible injury.
- Do not force the tool. Use the right tool to the application being performed. A suitable tool will do the job better and more safely if used for the purpose for which it has been built.
- Do not use the tool if the switch does not allow to turn it on or off. Any tool that can not be controlled by the switch is dangerous and must be repaired.
- Disconnect the power supply before storing the tool. These preventive safety measures reduce the risk of accidental starting of the tool.
- Keep the tool away from children and do not allow tool to be used by people who are not familiar with the operation of the tool. Tools are dangerous in the hands of inexperienced operators.
- Make sure the tools moving parts are not aligned or blocked, that it has not broken any parts or any other condition that may affect the operation of the tool. In case of damage, take the tool to a repair service before using it again. Many accidents are caused by poorly maintained tools.

## CARE AND MAINTENANCE

- Repairs must be performed by a qualified expert, using only identical replacement parts. This will ensure that the safety of the tool is maintained.
- Disconnect the power supply before cleaning.

### CLEANING

1. Keep protection devices, air vents and the motor housing as clean (dust free) as possible. Clean the tool with a clean cloth or clean with compressed air at low pressure.
2. We recommend cleaning the tool directly after each use.
3. Clean the tool regularly with a damp cloth and a little soap. Do not use any cleaner or detergent, they can damage the plastic parts of the tool. Ensure that no water enters the tool.

## SPECIFIC SAFETY RULES

The rating plate on the tool shows certain safety symbols. These symbols represent important safety information regarding the use of the tool and must be followed:



Hearing, eye and breathing protection must be worn



Double insulated for extra protection

**▲WARNING:** For your safety, do not plug the engraving tool into the power source or attempt to operate the tool until you have read and understood these Operating Instructions.

**▲WARNING:** Always use safety glasses, ear protection and a dust mask when operating the engraving tool. Using these safety items will protect you against flying particles during the engraving process.

**▲WARNING:** Apply only light pressure to the engraving tool during operation. Too much pressure may damage the surface being engraved and damage the tip of the engraving tool.

## REPLACING ENGRAVER TIP

The engraving tool is shipped with the engraving tip and protective tip cover installed. The protective tip cover must be placed on the engraving tip when the tool is not in use to protect the tip from damage and the handler from injury. To replace the engraving tip:

1. Insert a small slot screwdriver (1) into the engraving tip set screw (2) (Fig. 1).
2. Turn the set screw counter clockwise to release the engraving tip (3). When the engraving tip is released, pull it out of the tool.
3. Insert the new engraving tip into the tool as far as it will go and tighten the set screw.

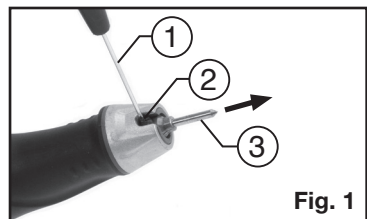


Fig. 1