



# WORX WX687L 3.5 Amp Sonicrafter Corded Oscillating Multi Tool Instruction Manual

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WX687L WX687L.X



**Helpline Number**

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**WARNING:** Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints;
- Crystalline silica from bricks and cement and other masonry products ;
- Arsenic and chromium from chemically treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.



**WARNING:** This product can expose you to chemicals including lead and Di(2-Ethylhexyl) phthalate (DEHP) which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## GENERAL POWER TOOL SAFETY WARNINGS



**WARNING:** Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference.

The term power tool in the warnings refers to your electric (corded) power tool or battery-operated (cordless) power tool.

### 1. WORK AREA SAFETY

- a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks that may ignite dust or fumes.
- c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

### 2. ELECTRICAL SAFETY

- a) 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.
- b) Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. The use of a cord suitable for outdoor use reduces the risk of electric shock.
- f) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. The use of an RCD reduces the risk of electric shock.

### 3. PERSONAL SAFETY

- a) Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- b) Use personal protective equipment. Always wear eye protection. Protective equipment such as dust masks, non-skid safety shoes, hard hats, or hearing protection used for appropriate conditions will reduce personal injuries.
- c) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to a power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
- d) Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- f) Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.
- g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.
- h) Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles. A careless action can cause severe injury within a fraction of a second.

#### **4. POWER TOOL USE AND CARE**

- a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c) Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- e) Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation.

If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

- f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) Use the power tool, accessories and tool bits, etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.
- h) Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

#### **5. SERVICE**








- a) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

## SAFETY INSTRUCTION FOR CUTTING

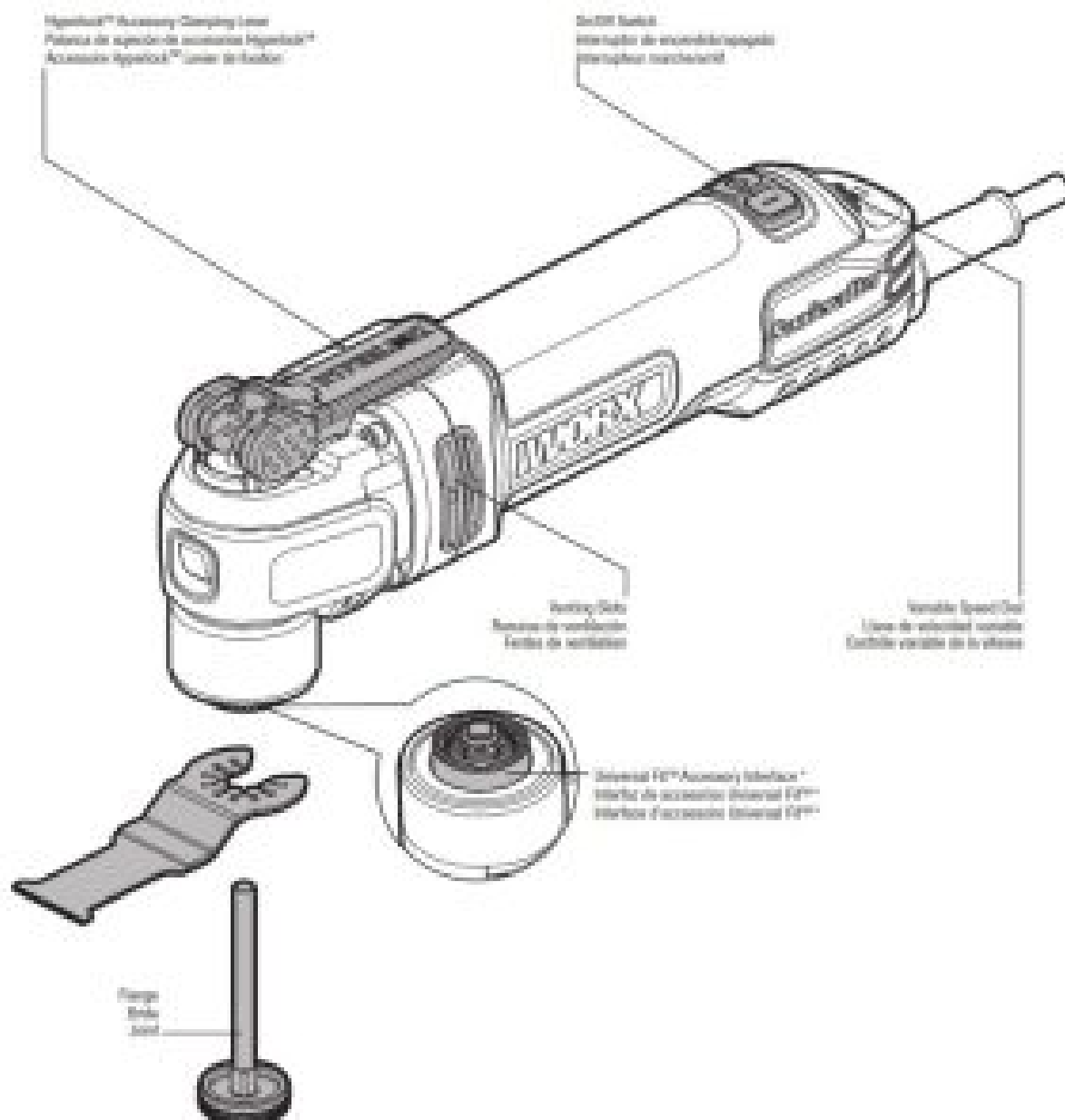
1. Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord. Cutting accessory contacting a “live” wire may make exposed metal parts of the power tool “live” and could give the operator an electric shock.
2. Use clamps or another practical way to secure and support the workpiece to a stable platform. Holding the work by hand or against your body leaves it unstable and may lead to loss of control.

## SYMBOLS

	To reduce the risk of injury, user must read the instruction manual
	Warning
	Wear ear protection
	Wear eye protection
	Wear dust mask
	Double insulation
	Make sure the tool is unplugged prior to changing accessories.

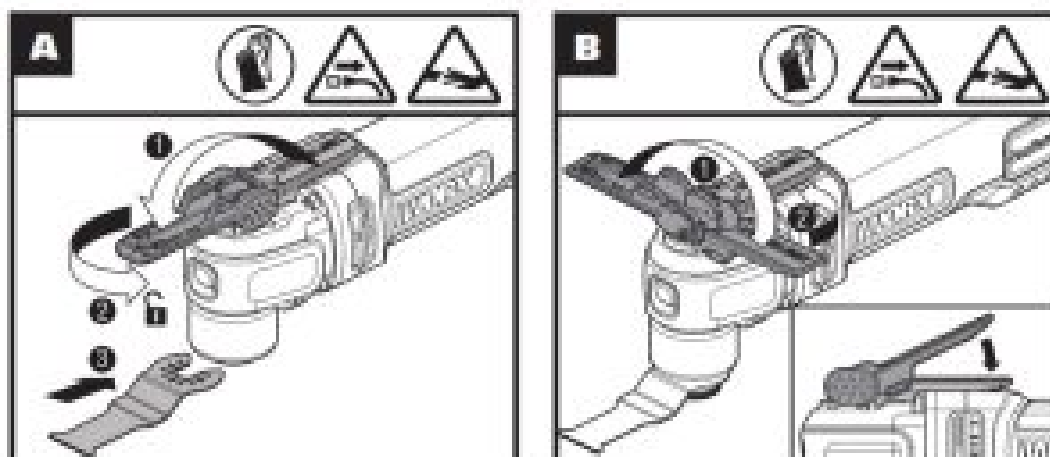
	Before working with your tool make sure that no power cords will be damaged.
	Avoid the danger of injury from the sharp edges of the accessories.
	Accessories can become very hot while working, presenting a danger of burns!
	Wear protective gloves
	High oscillation frequency.
	Low oscillation frequency.
	Unlock

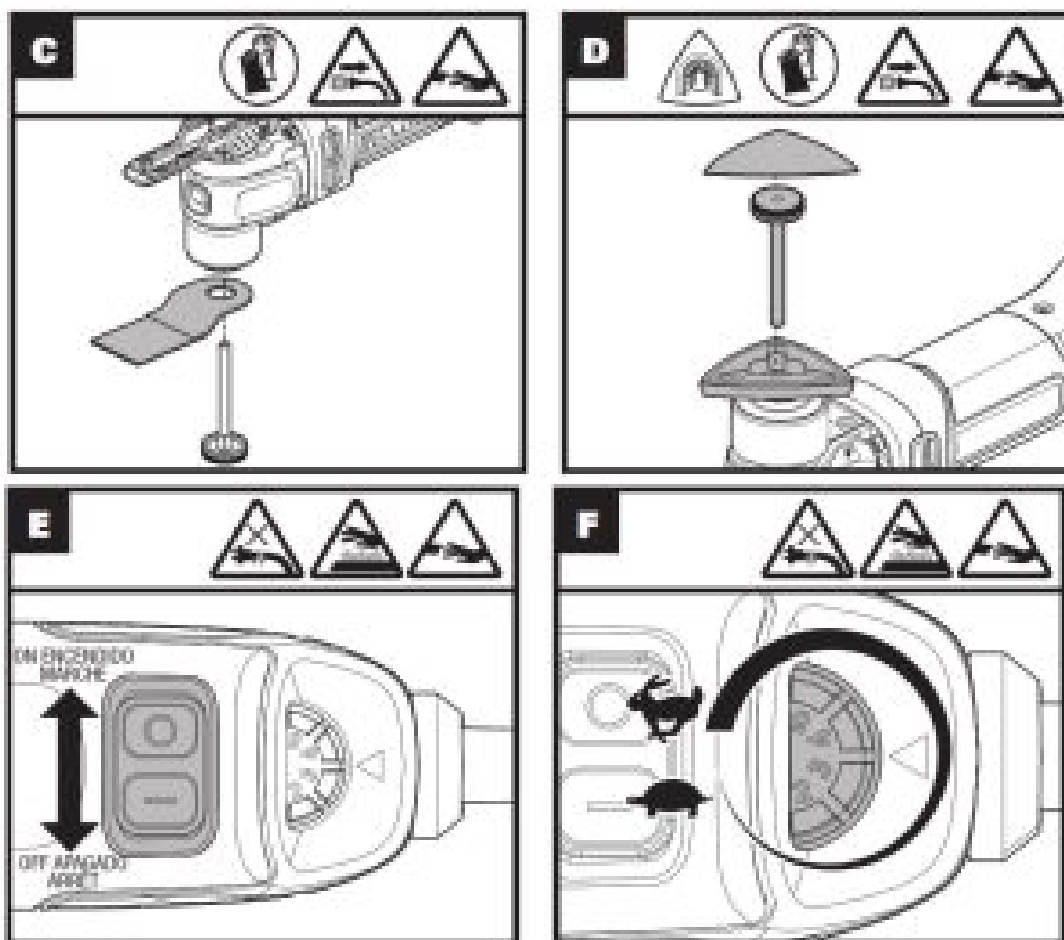
## Oscillating Tool



\* Works with other oscillating tool brands' accessories.


The following brands are trademarks owned by third parties which may be registered by their respective owners: Black & Decker®, Bosch®, including STARLOCK®, Chicago Electric®, Craftsman®, Dremel®, Fein®, Genesis®, Akita®, Mastercraft®, Milwaukee®, Performax®, Porter Cable®, Ridgid®, Ryobi®, Skil®, and Tool Shop®. Not all the accessories illustrated or described are included in standard delivery.





## TECHNICAL DATA

Type Designation: WX687L WX687L.X (6-designation of machinery, representative of SoniCrafter)

	WX687L WX687L.X **
Rated voltage	120 V ~ 60 Hz
Amps	3.5 A
Oscillations speed	11000-20000/min
Oscillations angle	4°
Protection class	 /II
Tool weight (without power cable)	2.73 lbs

\*\* X may be followed by one or two characters. All models are the same except model number and trademark. The suffix in models may be a number from “1” to “999” or the English letter “A” to “Z” or “M1” to “M9” which means a different package or the various accessories packed in the package.

We recommend that you purchase your accessories from the same store that sold you the tool. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.

## OPERATING INSTRUCTIONS



**NOTE:** Before using the tool, read the instruction book carefully.

## Assembly and Operation

Action	Figure
Mounting Accessories	See Fig. A-C
Mounting the Sanding Sheet	See Fig. D
Operating the On/Off Switch	See Fig. E
Using the Variable Speed Dial	See Fig. F

The Variable Speed Dial can be used to set the optimum oscillating frequency according to the accessories used and the respective application.

Oscillation frequency	Application
High oscillation frequency	Sanding, sawing, rasping and polishing stone and metal.
Low oscillation frequency	Scraping, polishing varnishes.

## WORKING HINTS FOR YOUR TOOL:

If your power tool becomes too hot, especially when used at low speed, set the speed to maximum and run it with no load for 2-3 minutes to cool the motor. Avoid prolonged usage at very low speeds.

Always keep the blade sharp.

Always ensure the workpiece is firmly clamped to prevent movement.

Any movement of the material may affect the quality of the cutting or sanding finish.

Start your tool before working and turn it off only after you stop working.

Do not start sanding without having the sandpaper fitted.

Do not allow the sandpaper to wear away, it will damage the sanding pad. The guarantee does not cover sanding pad wear and tear.

Use coarse grit paper to sand rough surfaces, medium grit for smooth surfaces, and fine grit for finishing surfaces. If necessary, first make a test run on scrap material.

Excessive force will reduce the working efficiency and cause motor overload. Replacing the accessory regularly will maintain optimum working efficiency.

## MAINTAIN TOOLS WITH CARE

Remove the plug from the socket before carrying out any adjustment, servicing or maintenance. Your power tool requires no additional lubrication or maintenance. There are no user-serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust. Occasionally you may see sparks through the ventilation slots. This is normal and will not damage your power tool.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

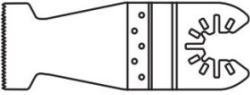
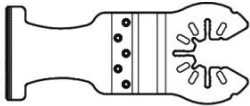
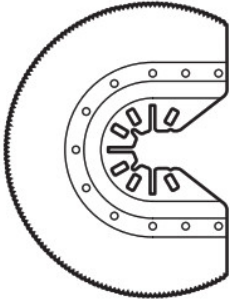
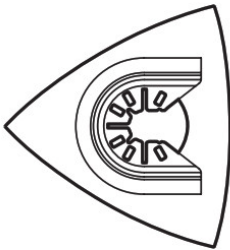
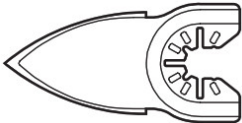
## APPLICATION

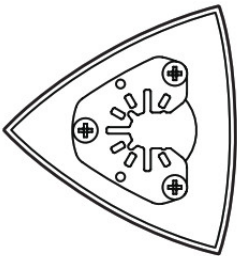
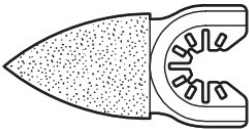
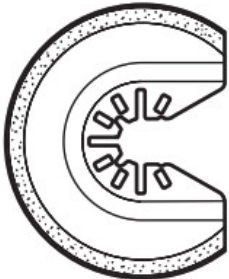
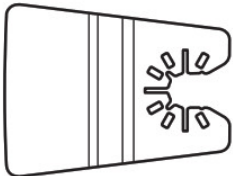


**WARNING:** The sawing teeth are very sharp. Do not touch during mounting and application. The workpiece must be clamped tightly before it is cut. Universal Fit <sup>TM</sup> accessories available from Worx Accessories



work with other competitive tools.

	Pic	Name	Application
Sawing		Bi-Metal Metal/Wood EndCut Blade	Wood, plastic, fiberglass, common nails, non-ferrous metals, thin sheet metal, hardened fillers.
		Standard Wood End Cut Blade	Wood, plastic, drywall.
		Precision Wood Cut Blade	Wood, soft plastics.
		Carbide-Tipped Blade	Hardened metals, stainless steel, tile, hardened screws, and nails.
		HSS Semicircle Saw Blade	Thin wood, plastic, fiberglass, non-ferrous metals, thin sheet metal, hardened fillers, window glazing.
Sanding		Sanding Pad (Perforated)	Wood, plastic, hardened fillers.
		Sanding Finger Pad	Wood, plastic, hardened fillers.

Rasping		Triangular Carbide Grit Rasp	Wood, hardened adhesives, thin set, masonry.
		Carbide Rasp (Finger Shape)	Wood, hardened adhesives, thin set, masonry.
Removing grout		Carbide Grit Semicircle Saw Blade	Grout, porous concrete, masonry.
		Diamond-Coated Semicircle Saw Blade	Ceramic and stone tile, backer board.
Scraping		Rigid Scraper Blade	Old paint, hardened adhesives, caulk, carpet.
		Flexible Scraper Blade	Elastic sealants, paint, adhesive residues, carpet.

**NOTE:** When plunging and sawing use a slight pendulum motion, to allow sufficient chip removal. The saw blade lasts longer if the wear is distributed evenly. To ensure an even distribution, loosen the saw blade, rotate it, and retighten firmly.

Cut/Sand with constant movement and light pressure.

Heavy pressure does not increase the cut/removal rate – the accessory merely wears faster.

[www.worx.com](http://www.worx.com)

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AR01565100



Model Number	WX687L
Model Number (UK)	WX687L.X
Model Number (Canada)	WX687L

WORX WX687L WX687L.X

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