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Enventor 23Q1-3

Enventor 2.5Amp Corded Oscillating Multi-Tool Saw Instruction Manual

Model: 23Q1-3

1. Important Safety Instructions

Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

1.1 General Power Tool Safety Warnings

- **Work Area Safety:** Keep work area clean and well lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
- **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 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.
- **Personal Safety:** 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. Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- **Power Tool Use and Care:** 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. 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 preventative safety measures reduce the risk of starting the power tool accidentally.
- **Service:** 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.

2. Product Overview

The Enventor 2.5Amp Corded Oscillating Multi-Tool Saw is a versatile power tool designed for various tasks including cutting, scraping, sanding, and grinding. It features a powerful motor, variable speed control, and a quick accessory change system.



Figure 2.1: Enventor Oscillating Multi-Tool Saw and included accessories.

2.1 Components

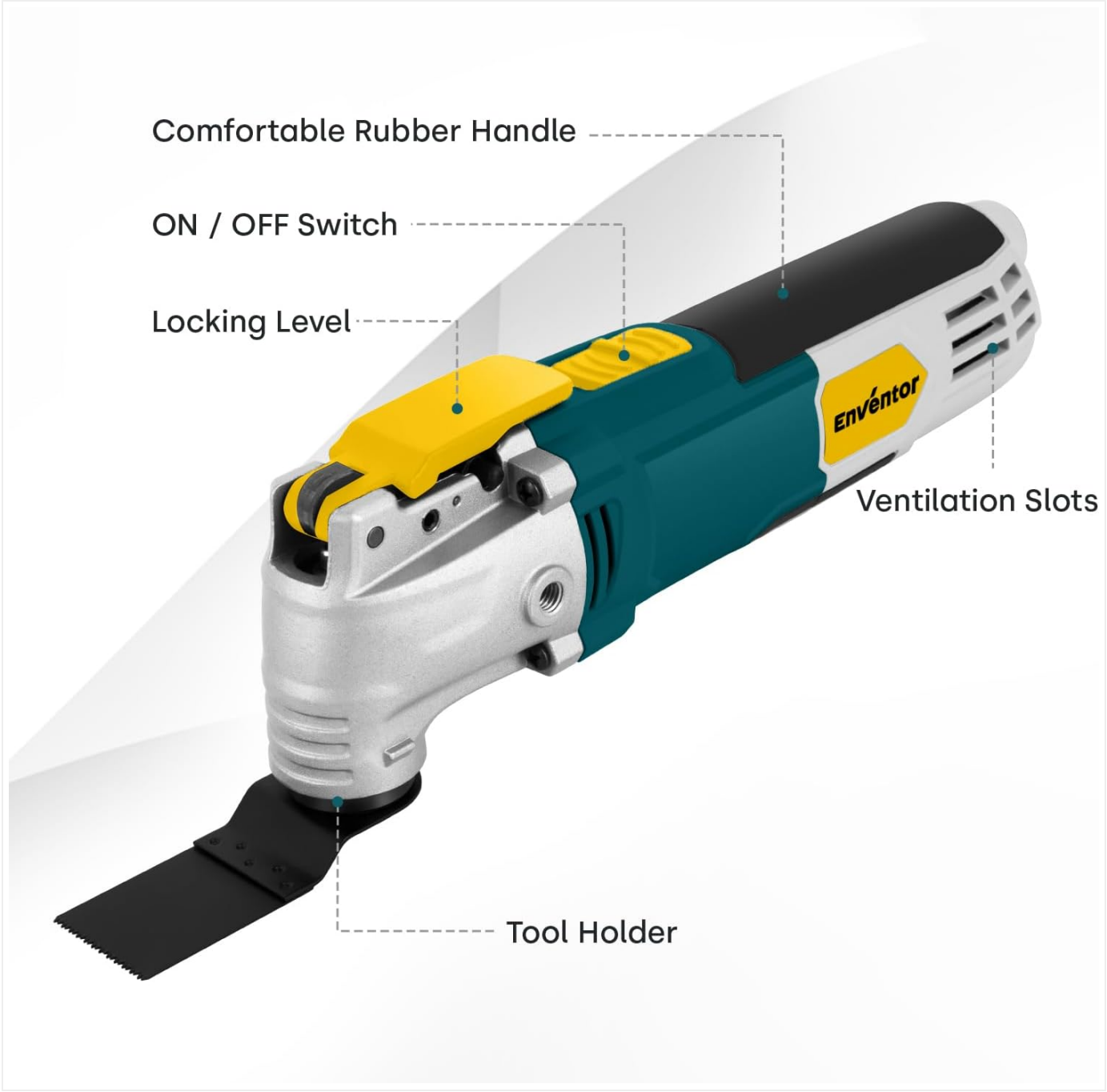


Figure 2.2: Key components of the Enventor Oscillating Multi-Tool Saw.

- **Comfortable Rubber Handle:** Provides a secure and ergonomic grip.
- **ON/OFF Switch:** Activates and deactivates the tool.
- **Locking Lever:** Used for quick and tool-free accessory changes.
- **Ventilation Slots:** Ensures proper motor cooling during operation.
- **Tool Holder:** Secures various oscillating tool accessories.

2.2 Key Features

- **Powerful Motor:** 2.5A/300W motor provides up to 22,000 OPM for efficient work.
- **Variable Speed Control:** 6-speed settings (15,000-22,000 OPM) for optimal performance across different materials.
- **3° Oscillating Angle:** Designed for efficient and precise material removal.
- **Quick Accessory Replacement:** Tool-free lever system for fast and easy accessory changes.
- **Ergonomic Design:** Facilitates vibration control and comfortable operation.

3. Package Contents

Verify that all items are present upon unpacking. If any items are missing or damaged, contact customer support.



Figure 3.1: Included accessories and tool.

- 1 x Enventor 2.5A Oscillating Multi-Tool
- 4 x Closed Wood Plastic Saw Blades (10mm, 20mm, 31mm, 34mm tooth width)
- 2 x Closed Semicircle Wood Plastic Saw Blades (88mm)
- 1 x Closed Scraper
- 1 x 90x90x90mm Triangular Sanding Pad
- 20 x Sandpaper Sheets
- 1 x User Manual
- 1 x Carrying Bag

4. Setup and Accessory Installation

Always ensure the tool is unplugged from the power source before installing or changing accessories.

4.1 Installing Closed Saw Blades and Scrapers

1. **Unlock:** Lift the locking lever to a 180° open position.
2. **Insert:** Align the accessory (saw blade or scraper) with the tool holder and push it firmly into place.
3. **Lock:** Push the locking lever back down to secure the accessory. Ensure it clicks into place.

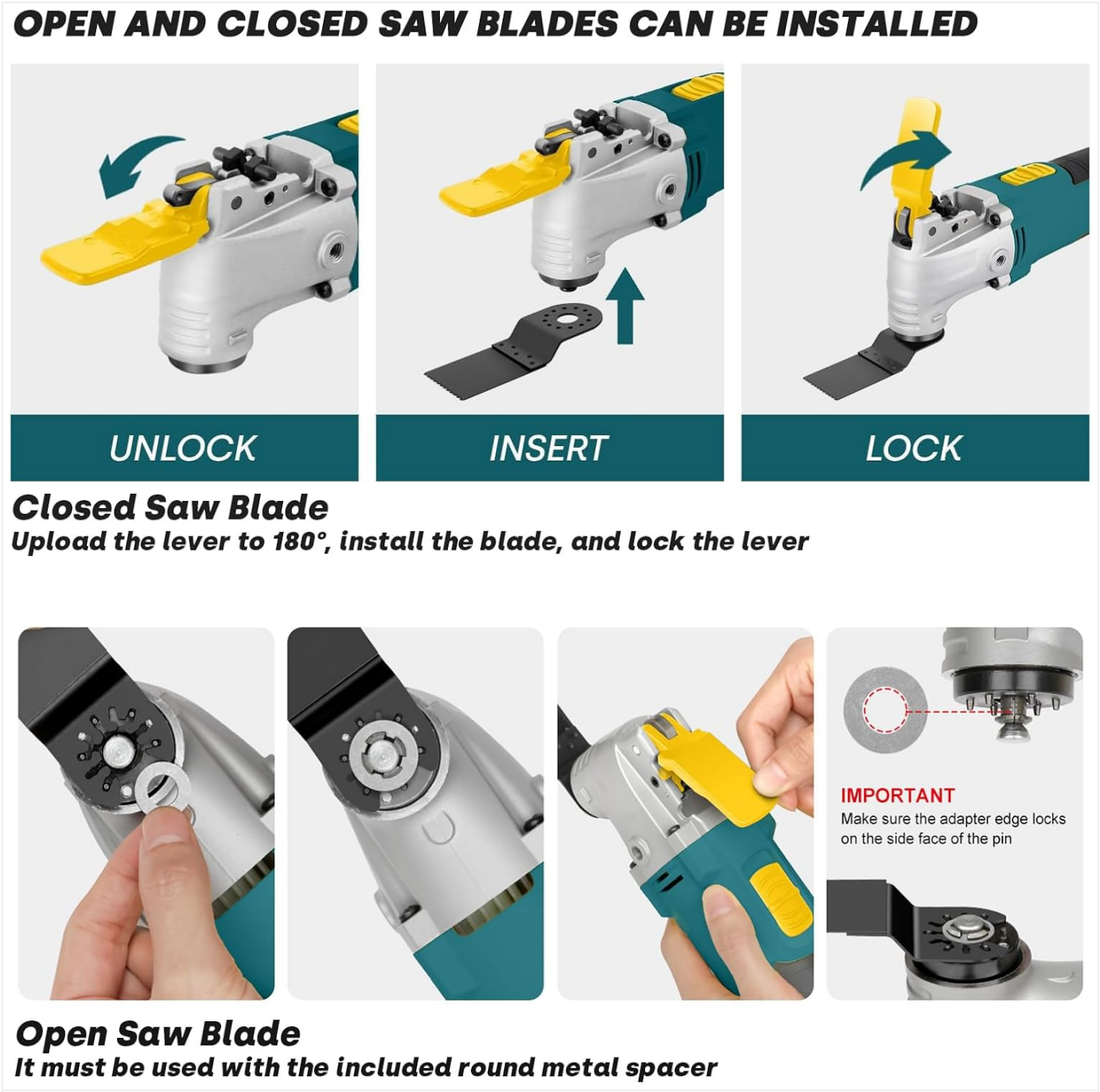


Figure 4.1: Steps for installing closed saw blades.

4.2 Installing Open Saw Blades (Requires Metal Spacer)

For open oscillating saw blades, a round metal spacer must be used to ensure proper fit and operation.

1. **Unlock:** Lift the locking lever to a 180° open position.
2. **Place Spacer:** Position the round metal spacer onto the tool holder pin. Ensure the adapter edge locks on the side

face of the pin.

3. **Insert Blade:** Place the open saw blade over the spacer and tool holder pin.
4. **Lock:** Push the locking lever back down to secure the accessory and spacer.



Figure 4.2: Installation of open saw blades with the metal spacer.

4.3 Attaching Sandpaper to the Sanding Pad

The triangular sanding pad uses a hook-and-loop (Velcro-style) system for attaching sandpaper.

1. Ensure the sanding pad is clean and free of debris.
2. Align the sandpaper sheet with the triangular sanding pad.
3. Press the sandpaper firmly onto the pad to secure it.

5. Operating Instructions

Familiarize yourself with the tool's controls before beginning any work.

5.1 Powering On/Off

- To turn the tool ON, press the ON/OFF switch located at the top of the tool.
- To turn the tool OFF, press the ON/OFF switch again.

5.2 Adjusting Speed

The tool features 6 variable speed settings, allowing you to match the oscillation rate to the material and task.



Figure 5.1: 6-speed adjustment dial.

- Rotate the speed adjustment dial (typically located near the rear of the tool) to select the desired speed setting from 1 to 6.
- Higher settings (5-6) are suitable for sawing, sanding, and polishing stone.
- Lower settings (1-2) are recommended for cutting metal and polishing smooth surfaces.

5.3 General Operation Tips



Figure 5.2: Examples of multi-functional use.

- Always secure your workpiece before operating the tool.
- Apply light, even pressure. Do not force the tool, as this can lead to overheating and reduced performance.
- Allow the tool to reach full speed before engaging the workpiece.
- For cutting, use a gentle oscillating motion to allow the blade to clear debris.
- For sanding, move the tool in a consistent pattern to ensure even material removal.
- Wear appropriate personal protective equipment, including eye protection, hearing protection, and a dust mask.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Enventor Oscillating Multi-Tool.

- **Cleaning:** After each use, unplug the tool and clean it with a soft, damp cloth. Remove any dust or debris from the ventilation slots to prevent overheating. Do not use harsh chemicals or abrasive cleaners.
- **Accessory Inspection:** Regularly inspect accessories (blades, sanding pads) for wear and tear. Replace dull or damaged accessories to maintain performance and safety.

- **Cord Inspection:** Check the power cord for any cuts, fraying, or damage. If damaged, have it repaired by a qualified technician.
- **Storage:** Store the tool and its accessories in the provided carrying bag in a dry, secure location, out of reach of children.

7. Troubleshooting

If you encounter issues with your tool, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Tool does not start.	No power supply; ON/OFF switch not fully engaged; damaged cord.	Check power outlet and connections. Ensure switch is fully pressed. Inspect power cord for damage.
Reduced performance or overheating.	Dull accessory; excessive pressure; blocked ventilation slots.	Replace accessory. Reduce pressure during operation. Clean ventilation slots.
Accessory not securely held.	Locking lever not fully engaged; incorrect accessory installation; missing spacer for open blades.	Ensure locking lever is fully closed. Reinstall accessory correctly. Use the metal spacer for open blades.
Excessive vibration.	Damaged or unbalanced accessory; loose components.	Replace accessory. Check for any loose parts and tighten if necessary.

If the problem persists after attempting these solutions, please contact Enventor customer support.

8. Specifications

Feature	Specification
Model Number	23Q1-3
Power Source	AC Corded Electric
Voltage	120 Volts
Amperage	2.5 Amps
Wattage	300 Watts
Oscillation Speed	15,000 - 22,000 OPM (Oscillations Per Minute)
Oscillating Angle	3 Degrees
Item Weight	5.13 pounds (approx. 2.33 kg)
Package Dimensions	14.57 x 5.35 x 4.88 inches (approx. 37 x 13.6 x 12.4 cm)

9. Warranty and Support

Enventor products are designed for reliability and performance. For warranty information, technical support, or to purchase replacement parts, please contact Enventor customer service.

You can visit the official Enventor store for more information and product offerings:Enventor Store

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