

BLACK+DECKER EOH183

BLACK+DECKER 18V Multi-Tool Oscillating Head

MODEL: EOH183

Instruction Manual

1. Introduction and Product Overview

The BLACK+DECKER 18V Multi-Tool Oscillating Head EOH183 is an accessory designed to expand the functionality of your compatible BLACK+DECKER 18V Multi-Tool main body (models such as EVO183P1 and EVO183B1). This head unit transforms your multi-tool into a versatile oscillating tool capable of performing various tasks including cutting, stripping, and grinding on different materials like flooring, tiles, wood, plastic, and metal.

Note: This product is the head unit only. The main multi-tool body and battery are sold separately and are required for operation.



Image: The BLACK+DECKER 18V Multi-Tool Oscillating Head EOH183, a compact attachment for various tasks.

2. Safety Information

Always adhere to general power tool safety guidelines when using this oscillating head. Failure to do so may result in serious injury or property damage.

- **Read the entire manual:** Familiarize yourself with the tool's operation and safety warnings before use.
- **Wear appropriate personal protective equipment (PPE):** This includes safety glasses, hearing protection, and gloves.
- **Ensure a secure connection:** Always ensure the oscillating head is firmly attached to the multi-tool body before starting work.
- **Disconnect power:** Always disconnect the battery from the multi-tool body before changing accessories or performing maintenance.
- **Keep work area clean:** Cluttered areas invite accidents.
- **Avoid accidental starting:** Ensure the switch is in the off-position before inserting the battery pack.
- **Maintain proper footing and balance:** Do not overreach.

- **Use the correct accessory:** Only use accessories designed for oscillating tools and suitable for the material being worked on.
- **Secure workpiece:** Clamp or otherwise secure the workpiece to prevent movement during operation.

3. Package Contents

Your BLACK+DECKER 18V Multi-Tool Oscillating Head EOH183 package includes the following items:

- Oscillating Head (EOH183)
- Sander base
- #60P Sandpaper (3 sheets)
- Dust collection adapter
- Scraper blade (1 sheet)
- Blade for wood/plastic
- Blade for wood/metal
- Round blade (1 sheet)



Image: The EOH183 oscillating head shown with its various included accessories, such as sanding pads, scraper, and cutting blades.

4. Setup

Follow these steps to set up your oscillating head for use:

1. Attach the Oscillating Head:

- Ensure the multi-tool body is powered off and the battery is removed.
- Align the oscillating head with the multi-tool body's attachment point.
- Push the head firmly onto the body until it clicks securely into place. Verify it is locked and does not wobble.

2. Install Accessories (Blades/Sander Base):

- With the battery removed, locate the quick-release lever or screw mechanism on the oscillating head.
- Open the mechanism to allow insertion of the desired accessory (e.g., scraper blade, wood/plastic blade, sander base).
- Align the accessory with the oscillating shaft, ensuring it sits flush.
- Close the quick-release lever or tighten the screw to secure the accessory. Ensure it is tightly fastened to prevent movement during operation.



Image: A close-up view demonstrating the attachment of a blade to the oscillating head, highlighting the secure locking mechanism.

3. Connect Dust Collection Adapter (Optional):

- If performing sanding or cutting tasks that generate significant dust, attach the dust collection adapter to the designated port on the oscillating head.
- Connect a compatible vacuum cleaner hose to the adapter.

5. Operating Instructions

Once the oscillating head and desired accessory are securely attached, you can begin operation.

1. **Power On:** Insert a charged 18V battery into the multi-tool body.
2. **Adjust Speed:** The multi-tool body typically features a variable speed trigger or dial. Adjust the speed according to the material and task. Lower speeds are suitable for delicate work or softer materials, while higher speeds are for aggressive cutting or harder materials.
3. **Begin Operation:**
 - Hold the multi-tool firmly with both hands if possible, maintaining good balance.
 - Place the accessory gently against the workpiece.
 - Press the trigger to start the oscillation.
 - Apply steady, light pressure. Allow the tool to do the work. For cutting, use a slight back-and-forth motion. For sanding, move the tool evenly across the surface. For scraping, apply consistent pressure to lift material.

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Image: A user operating the oscillating head with a scraper blade to remove old tiles from a floor, demonstrating its stripping capability.

4. **Power Off:** Release the trigger to stop the tool. Always remove the battery when finished or before changing accessories.

6. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your oscillating head.

- **Cleaning:** After each use, disconnect the battery and clean the oscillating head and accessories. Use

a soft brush or compressed air to remove dust and debris from vents and moving parts. Do not use harsh chemicals or abrasive cleaners.

- **Accessory Inspection:** Regularly inspect blades, sandpaper, and the sander base for wear or damage. Replace worn or damaged accessories immediately to ensure safe and effective operation.
- **Storage:** Store the oscillating head and its accessories in a clean, dry place, out of reach of children.

7. Troubleshooting

If you encounter issues with your oscillating head, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly inserted; Head not securely attached.	Ensure battery is fully charged and correctly inserted. Verify the oscillating head is securely clicked onto the multi-tool body.
Poor cutting/sanding/scraping performance	Worn or incorrect accessory; Excessive pressure applied.	Replace worn accessories. Ensure the correct accessory is used for the material. Reduce pressure and let the tool work at its own pace.
Excessive vibration or noise	Accessory not securely fastened; Damaged accessory.	Check that the accessory is tightly secured. Inspect the accessory for damage and replace if necessary.

8. Specifications

Key technical specifications for the BLACK+DECKER 18V Multi-Tool Oscillating Head EOH183:

- **Brand:** BLACK+DECKER
- **Model:** EOH183
- **Power Source:** Battery-powered (requires 18V multi-tool body)
- **Oscillation Rate:** 0-18,500 oscillations per minute
- **Oscillation Angle:** 2.8° (1.4° left, 1.4° right)
- **Switch Type:** Stepless speed control (controlled by multi-tool body)
- **Weight (Head Unit Only):** 0.4 kg (approximately 0.88 lbs)
- **Dimensions (L x W x H):** 11.5 cm x 5 cm x 11 cm (approximately 4.5 x 2 x 4.3 inches)
- **Material:** ABS Resin
- **Included Components:** Sander base, #60P sandpaper (3 sheets), dust collection adapter, scraper blade (1), wood/plastic blade, wood/metal blade, round blade (1).



Image: The EOH183 oscillating head held in a hand, illustrating its compact size and approximate dimensions (4.3 inches / 10 cm height indicated).

9. Warranty and Support

BLACK+DECKER products are manufactured to high-quality standards and are guaranteed against manufacturing defects. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your original multi-tool purchase or visit the official BLACK+DECKER website.

For technical assistance, spare parts, or service inquiries, please contact BLACK+DECKER customer support through their official website or authorized service centers. Keep your purchase receipt as proof of purchase for warranty claims.

Official Website: www.blackanddecker.com