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Parkside PBSG 95 B1

Parkside PBSG 95 B1 Drill Bit Sharpener User Manual

Model: PBSG 95 B1

1. Introduction

Thank you for choosing the Parkside PBSG 95 B1 Drill Bit Sharpener. This manual provides important information regarding the safe operation, setup, maintenance, and troubleshooting of your device. Please read these instructions carefully before first use and keep them for future reference.
The Parkside PBSG 95 B1 is designed for sharpening HSS drill bits, ensuring optimal performance and extending the life of your tools. It features a powerful 95W motor and is suitable for drill bits ranging from 3 mm to 10 mm in diameter.

2. Safety Instructions

Always observe the following safety precautions to prevent injury and damage to the device:

- **Read all instructions:** Familiarize yourself with the controls and proper use of the sharpener.
- **Wear eye protection:** Always wear safety goggles to protect your eyes from flying debris.
- **Wear gloves:** Protect your hands from sharp edges and potential heat.
- **Keep work area clean:** Cluttered areas invite accidents.
- **Do not operate in damp or wet conditions:** Electric shock hazard.
- **Keep children away:** Do not allow children to operate or play near the sharpener.
- **Unplug when not in use:** Always disconnect the power supply before cleaning, adjusting, or servicing.
- **Use the right tool:** Do not force the sharpener or use it for purposes other than its intended use.
- **Secure the workpiece:** Ensure the drill bit is properly seated in the sharpening guide.
- **Inspect for damage:** Before each use, check the power cord, plug, and the device for any damage. Do not use if damaged.

3. Product Overview

The Parkside PBSG 95 B1 Drill Bit Sharpener is a compact and efficient tool for maintaining your drill bits. Key components include:

- **Sharpening Unit:** The main body housing the motor and sharpening stone.

- **Drill Bit Guides:** Various slots for different drill bit diameters (3 mm to 10 mm).
- **On/Off Switch:** For controlling power to the device.
- **Non-slip Feet:** For stability during operation.
- **Power Cable:** 2-meter length for convenient placement.
- **Sharpening Stone:** Replaceable grinding wheel for effective sharpening.



Figure 1: Front view of the Parkside PBSG 95 B1 Drill Bit Sharpener, showing the drill bit guides and power switch.



Figure 2: The Parkside PBSG 95 B1 Drill Bit Sharpener shown with the included 16 HSS titanium-coated drill bits and two spare sharpening stones.

4. Setup

1. **Unpack:** Carefully remove all components from the packaging. Retain packaging for future storage or transport.
2. **Placement:** Place the drill bit sharpener on a stable, flat, and non-slip surface. Ensure adequate lighting and ventilation in your work area.
3. **Power Connection:** Plug the power cable into a suitable 230V AC power outlet. Ensure the on/off switch is in the "OFF" position before plugging in.
4. **Inspect Drill Bits:** Before sharpening, clean any debris from the drill bit. Ensure the drill bit is HSS (High-Speed Steel) and within the supported diameter range of 3 mm to 10 mm.

5. Operating Instructions

Follow these steps to sharpen your drill bits effectively:

1. **Select Guide:** Identify the correct drill bit guide on the sharpener that matches the diameter of your drill bit (3 mm to 10 mm).
2. **Insert Drill Bit:** Carefully insert the drill bit into the selected guide. Ensure it is seated firmly and correctly aligned with the sharpening stone.
3. **Power On:** Switch the device ON using the on/off switch. The sharpening stone will begin to rotate at 1350 rpm.
4. **Sharpening:** Gently push the drill bit into the guide, applying light, consistent pressure. Rotate the drill bit slightly if necessary to ensure even sharpening of both cutting edges. Do not apply excessive force, as this can damage the drill bit or the sharpener.
5. **Check Sharpness:** Periodically remove the drill bit and check its sharpness. Repeat the sharpening process if needed, ensuring not to over-grind.
6. **Power Off:** Once sharpening is complete, switch the device OFF and unplug it from the power outlet.
7. **Cool Down:** Allow the sharpened drill bit to cool down before handling, as it may be hot.

Note: *The sharpener is designed for HSS drill bits. Do not attempt to sharpen other types of drill bits (e.g., masonry bits, carbide bits) as this may damage the sharpener or the drill bit.*

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your drill bit sharpener.

6.1 Cleaning

- **Always unplug:** Before cleaning, ensure the sharpener is unplugged from the power supply.
- **Remove dust:** Use a soft brush or compressed air to remove grinding dust from the drill bit guides and the sharpening area.
- **Wipe exterior:** Wipe the exterior of the device with a dry or slightly damp cloth. Do not use abrasive cleaners or solvents.
- **Do not immerse:** Never immerse the sharpener in water or any other liquid.

6.2 Replacing the Sharpening Stone

The sharpening stone is a consumable part and will wear down over time. Replace it when you notice a decrease in sharpening effectiveness.

1. **Disconnect Power:** Ensure the sharpener is unplugged.
2. **Access Stone:** Refer to the device's specific design for accessing the sharpening stone compartment. This usually involves removing a cover or unscrewing a retaining mechanism.
3. **Remove Old Stone:** Carefully remove the worn sharpening stone.
4. **Install New Stone:** Place a new, genuine Parkside replacement sharpening stone into position. Ensure it is seated correctly and securely.
5. **Reassemble:** Reattach any covers or retaining mechanisms.
6. **Test:** Plug in the sharpener and perform a brief test with an old drill bit to ensure the new stone is functioning correctly.

Note: *The product includes 2 spare sharpening stones. Use only genuine replacement parts.*

7. Troubleshooting

If you encounter issues with your Parkside PBSG 95 B1, refer to the following table:

Problem	Possible Cause	Solution
Device does not turn on.	No power supply. Faulty power cable/plug. On/Off switch is off.	Check power outlet. Inspect cable/plug for damage; replace if necessary. Ensure switch is in "ON" position.
Drill bits are not sharpening effectively.	Worn sharpening stone. Incorrect drill bit insertion. Insufficient pressure. Drill bit type not supported.	Replace sharpening stone. Ensure drill bit is correctly seated in the guide. Apply light, consistent pressure. Only sharpen HSS drill bits.
Excessive vibration or noise.	Loose sharpening stone. Device not on a stable surface. Damaged internal components.	Check and secure sharpening stone. Place on a stable, flat surface. Discontinue use and contact customer support.

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

8. Specifications

Feature	Detail
Model	PBSG 95 B1
Power Input	95 W
Voltage	230 Volts
No-load Speed	1350 rpm
Sharpening Capacity	HSS drill bits 3 mm - 10 mm
Cable Length	2 m
Material	Metal
Weight	2.09 lbs (approx. 948 g)
Included Accessories	16 HSS titanium-coated drill bits, 2 spare sharpening stones

9. Warranty and Support

This Parkside product is manufactured with care and undergoes strict quality controls. In the unlikely event of a defect, please contact your retailer or the authorized Parkside service center. Please retain your proof of purchase for warranty claims.
For technical support or inquiries regarding spare parts, please refer to the contact information provided with your purchase documentation or visit the official Parkside website.

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