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› Parkside PBH 1550 C1 Rotary Hammer Drill 1550 W User Manual

PSIDE PBH 1550 C1

Parkside PBH 1550 C1 Rotary Hammer Drill 1550 W User Manual

Model: PBH 1550 C1 | Brand: PSIDE

INTRODUCTION

This manual provides important information for the safe and effective operation, maintenance, and troubleshooting of your Parkside PBH 1550 C1 Rotary Hammer Drill. Please read this manual thoroughly before using the tool and keep it for future reference.

SAFETY INSTRUCTIONS

WARNING: 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.

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.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Stay alert, watch what you are doing, and use common sense when operating a power tool. Use personal protective equipment. Always wear eye protection.
- **Power Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Service:** Have your power tool serviced by a qualified repair person using only identical replacement parts.

Specific Safety Instructions for Rotary Hammer Drills

- Wear ear protectors when hammer drilling. Exposure to noise can cause hearing loss.
- Use auxiliary handles supplied with the tool. Loss of control can result in personal injury.
- Hold power tool by insulated gripping surfaces when performing an operation where the cutting accessory may contact hidden wiring or its own cord.
- Always ensure the work piece is securely fastened.
- Be aware of the risk of kickback, especially when drilling into hard materials or if the drill bit jams.

PRODUCT OVERVIEW AND COMPONENTS

The Parkside PBH 1550 C1 is a versatile rotary hammer drill designed for drilling, hammer drilling, and chiseling in various materials such as concrete, stone, metal, and wood.

Main Components



Figure 1: Main view of the Parkside PBH 1550 C1 Rotary Hammer Drill, shown with a chisel bit inserted. This image highlights the robust design and the primary handle.

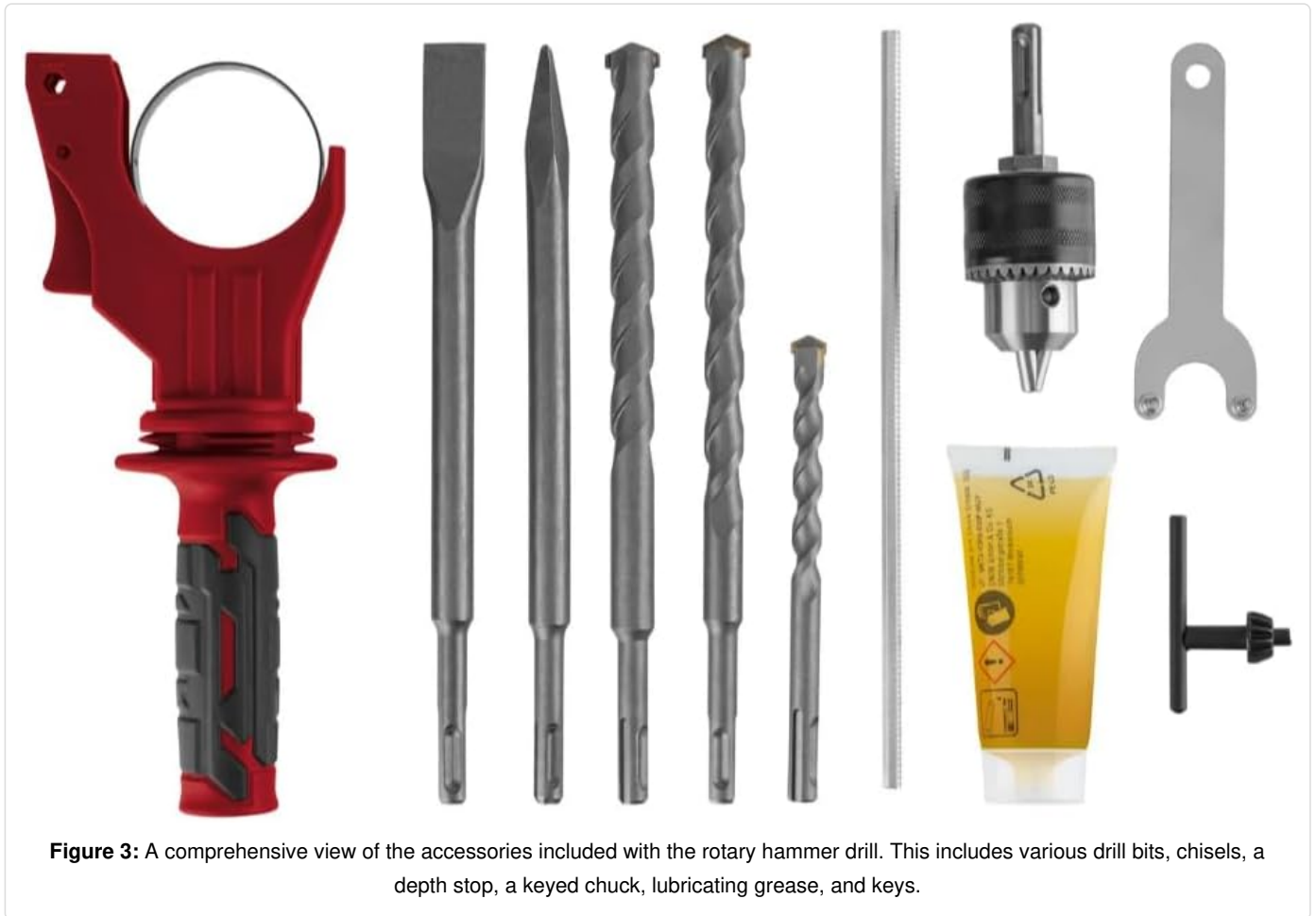


Figure 2: Side view of the rotary hammer drill, demonstrating the SDS-Plus chuck with a drill bit and the adjustable depth stop in place. The auxiliary handle is also visible.

- **SDS-Plus Quick-Release Chuck:** For fast and secure bit changes.

- **Function Selector:** Central selector for switching between drilling, hammer drilling, and chiseling modes.
- **Speed Controller:** 6-level adjustment for varying speeds.
- **Auxiliary Handle:** 360° rotatable for optimal grip and control.
- **Depth Stop:** Easily adjustable for precise drilling depth.
- **Softgrip:** Non-slip softgrip on main and auxiliary handles for comfort and vibration damping.
- **Carbon Brush Indicator:** Control light to indicate carbon brush wear.
- **Overload Clutch:** Ensures safe transmission decoupling if the drill bit jams.

Included Accessories



- 1 x Pointed Chisel (250 mm)
- 1 x Flat Chisel (250 mm)
- 3 x SDS Drill Bits (12 x 160 mm, 16 x 250 mm, 18 x 250 mm)
- 50 g Lubricating Grease
- 1 x Depth Stop
- 1 x Keyed Chuck (for round shank drill bits - not for hammer drilling/chiseling)
- 1 x Chuck Key
- 1 x Case Key
- Practical Storage Case

SETUP

Attaching the Auxiliary Handle

1. Loosen the auxiliary handle by turning it counter-clockwise.
2. Slide the handle onto the tool's collar to the desired position.
3. Tighten the handle by turning it clockwise until secure. The handle can be rotated 360° for optimal working posture.

Inserting SDS-Plus Bits (Drill Bits/Chisels)

1. Clean the shank of the SDS-Plus bit and apply a small amount of lubricating grease (supplied) to it.
2. Pull back the chuck sleeve and insert the bit into the chuck until it clicks into place.
3. Release the chuck sleeve. Pull the bit to ensure it is securely locked. A slight axial play is normal for SDS-Plus systems.

Inserting Round Shank Drill Bits (with Keyed Chuck)

Use the supplied keyed chuck for standard round shank drill bits. This chuck is **not suitable** for hammer drilling or chiseling modes.

1. Insert the SDS-Plus adapter of the keyed chuck into the SDS-Plus chuck of the tool as described above.
2. Open the jaws of the keyed chuck using the chuck key.
3. Insert the round shank drill bit into the keyed chuck.
4. Tighten the chuck jaws firmly using the chuck key.

Adjusting the Depth Stop

1. Insert the depth stop into the designated hole on the auxiliary handle.
2. Adjust the depth stop to the desired drilling depth. The distance from the tip of the drill bit to the end of the depth stop indicates the drilling depth.
3. Secure the depth stop by tightening its locking mechanism on the auxiliary handle.

OPERATING INSTRUCTIONS

Selecting Operating Mode

The central selector allows you to choose between three operating modes:

- **Drilling (without impact):** For drilling in wood, metal, or plastic. Set the selector to the drill bit symbol.
- **Hammer Drilling (with impact):** For drilling in concrete, brick, or stone. Set the selector to the hammer and drill bit symbol.
- **Chiseling (with impact and rotation stop):** For chiseling or demolition work in concrete or masonry. Set the selector to the chisel symbol.

Adjusting Chisel Orientation (Chiseling Mode Only)

In chiseling mode, you can continuously adjust the angle of the chisel for optimal working position.

1. Set the function selector to chiseling mode.
2. Rotate the chisel to the desired angle.
3. Ensure the selector clicks back into the chiseling position to lock the chisel angle.

Speed Control

The tool features a 6-level speed controller. Adjust the speed according to the material and the type of work being performed. Lower speeds are generally suitable for larger diameters or harder materials, while higher speeds are for smaller diameters or softer materials.

Starting and Stopping

1. Connect the power plug to a suitable power outlet.
2. To start the tool, press the ON/OFF trigger switch.
3. To stop the tool, release the ON/OFF trigger switch.



Figure 4: A user demonstrating the rotary hammer drill in operation, drilling into a wall. This illustrates the proper two-hand grip using both the main and auxiliary handles for stability and control.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your tool.

Cleaning

- Always disconnect the power plug before cleaning.
- Keep the ventilation openings clean to prevent overheating.
- Clean the tool housing with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Regularly clean the SDS-Plus chuck to remove dust and debris.

Lubrication

Apply a small amount of the supplied lubricating grease to the shank of SDS-Plus bits before insertion to reduce wear and ensure smooth operation.

Carbon Brush Replacement

The tool is equipped with a control light that indicates when the carbon brushes are worn and need replacement. Worn carbon

brushes can lead to reduced performance or tool failure. Carbon brushes are interchangeable to extend the tool's lifespan.

- **Note:** Carbon brush replacement should ideally be performed by a qualified technician.
- Ensure the tool is unplugged from the power source.
- Locate the carbon brush caps on the motor housing.
- Unscrew the caps and carefully remove the old carbon brushes.
- Insert new, identical carbon brushes and screw the caps back on securely.

Storage

Store the tool and its accessories in the practical storage case in a dry, secure place, out of reach of children.

TROUBLESHOOTING

This section addresses common issues you might encounter with your rotary hammer drill.

Problem	Possible Cause	Solution
Tool does not start.	No power supply. Faulty power cord/plug. Worn carbon brushes.	Check power outlet and circuit breaker. Inspect cord and plug for damage; replace if necessary. Check carbon brush indicator light; replace brushes if needed.
Reduced impact force or drilling performance.	Worn drill bit/chisel. Incorrect operating mode selected. Insufficient lubrication of bit shank. Worn carbon brushes.	Replace with a sharp bit/chisel. Ensure correct mode (Hammer Drilling/Chiseling) is selected. Apply lubricating grease to bit shank. Replace carbon brushes.
Bit not locking in chuck.	Chuck sleeve not pulled back sufficiently. Debris in chuck. Damaged chuck.	Pull chuck sleeve fully back before inserting bit. Clean chuck thoroughly. Contact service for chuck inspection/replacement.
Tool overheats.	Blocked ventilation openings. Prolonged heavy use.	Clean ventilation openings. Allow tool to cool down during prolonged use.

If the problem persists after attempting these solutions, please contact qualified service personnel.

SPECIFICATIONS

Feature	Value
Model	PARKSIDE® PBH 1550 C1
Rated Power	1550 W
Impact Energy	Max. 5 J
No-Load Speed	0 - 800 rpm
Impact Rate	0 - 3900 bpm

Feature	Value
Drilling Capacity (Wood)	Max. Ø 40 mm
Drilling Capacity (Brick/Concrete)	Max. Ø 32 mm
Drilling Capacity (Steel)	Max. Ø 13 mm
Power Cable Length	Approx. 3 m
Weight (with auxiliary handle)	Approx. 4.9 kg
Material	Steel, Plastic
Voltage	230 Volts (AC)

WARRANTY AND SUPPORT

Information regarding warranty terms and conditions is typically provided with your purchase documentation or can be found on the manufacturer's official website. Please retain your proof of purchase for any warranty claims.

For technical support, spare parts, or repair services, please contact the retailer or the authorized service center for PSIDE products in your region. Refer to your product packaging or the manufacturer's website for contact details.

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