Parkside PSBM 750 B2

Parkside PSBM 750 B2 Impact Drill User Manual

Model: PSBM 750 B2 (IAN-100366803-3)

Brand: Parkside

1. Introduction

This manual provides essential information for the safe and effective operation, setup, and maintenance of your Parkside PSBM 750 B2 Impact Drill. This tool is designed for drilling in concrete, stone, metal, and wood. Please read these instructions carefully before first use and keep them for future reference.

2. Safety Instructions

2.1 General Power Tool Safety Warnings

- **Work Area Safety:** Keep the 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. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges, and refrigerators.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating impact drills. Dress properly. Do not wear loose clothing or jewelry. Keep hair and clothing away from moving parts.
- **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.

2.2 Specific Safety Warnings for Impact Drills

- Wear ear protectors when impact drilling. Exposure to noise can cause hearing loss.
- Use auxiliary handles if supplied with the tool. Loss of control can result in personal injury.
- Hold the power tool by insulated gripping surfaces when performing an operation where the cutting accessory may contact hidden wiring or its own cord.
- Always secure the workpiece. Do not hold it by hand.
- Be aware of dust generated during drilling, especially in masonry. Wear a dust mask.

3. Product Overview and Components

The Parkside PSBM 750 B2 Impact Drill features a compact and lightweight design, making it suitable for various drilling

tasks in different materials.

3.1 Key Features:

- Compact and lightweight design
- Switchable impact function for versatile use
- Continuously adjustable rotation speed
- Easy tool change with keyless chuck and manual spindle lock
- Adjustable auxiliary front handle
- Non-slip Softgrip handle
- Right/left rotation function
- Includes metal depth stop
- Comes with a practical storage case

3.2 Components:

The main components include the drill body, keyless chuck, auxiliary handle, metal depth stop, and power cable.



This image shows the Parkside PSBM 750 B2 Impact Drill along with its auxiliary handle and metal depth stop, neatly stored within its practical carrying case. The drill's green and black body with red accents is visible, highlighting its compact design.



A detailed view of a red circular cap or compartment located within the custom-molded interior of the Parkside PSBM 750 B2 Impact Drill's carrying case, likely for storing small accessories.

4. Setup

4.1 Attaching the Auxiliary Handle

The auxiliary handle can be adjusted to various positions for optimal grip and control. Loosen the handle by rotating it counter-clockwise, position it as desired around the drill collar, and then tighten it securely by rotating clockwise.

4.2 Installing the Depth Stop

Insert the metal depth stop into the designated opening on the auxiliary handle. Adjust it to the required drilling depth by sliding it in or out, then secure it by tightening the auxiliary handle.

4.3 Inserting Drill Bits

The drill features a keyless chuck with manual spindle lock for easy and quick tool changes.

1. Ensure the drill is unplugged from the power source for safety.
2. Rotate the chuck collar counter-clockwise to open the jaws of the chuck.
3. Insert the drill bit fully into the chuck.
4. Rotate the chuck collar clockwise to tighten the jaws securely around the drill bit.
5. For extra security, manually lock the spindle if your model features this option, typically by holding the chuck and rotating the spindle until it clicks into place.

5. Operating Instructions

5.1 Power Connection

Connect the power cable to a suitable 220V AC power outlet. Ensure the power cable is not damaged and is positioned to avoid tripping hazards.

5.2 Switching On/Off

To turn the drill on, press the trigger switch. To turn it off, release the trigger switch.

5.3 Speed Control

The drill features continuously adjustable speed. The rotation speed can be regulated by the pressure applied to the trigger switch. For precise control, a speed pre-selection wheel may also be available to set the maximum speed.

5.4 Impact Function Selection

The impact function can be activated or deactivated using a selector switch, typically located on the top or side of the drill. Use impact mode (hammer symbol) for drilling in concrete and stone. Use non-impact mode (drill symbol) for drilling in wood, metal, and plastics.

5.5 Drilling in Different Materials

5.5.1 Drilling in Wood

Use appropriate wood drill bits. Select non-impact mode. Start with a low speed to prevent splintering and increase as needed. Ensure the workpiece is securely clamped.

5.5.2 Drilling in Metal

Use High-Speed Steel (HSS) drill bits. Select non-impact mode. For better results and to prolong bit life, use cutting oil. Start with a center punch to prevent the drill bit from wandering.



This image illustrates the Parkside PSBM 750 B2 Impact Drill in operation, drilling into a metal square tube. The metal depth stop is clearly visible, ensuring precise drilling depth. The user is wearing protective gloves.

5.5.3 Drilling in Concrete and Stone

Use masonry drill bits. Activate impact mode. Apply steady, firm pressure without forcing the tool. Allow the impact mechanism to do the work.

5.6 Direction of Rotation (Forward/Reverse)

A switch, usually located near the trigger, allows selection of forward (clockwise) or reverse (counter-clockwise) rotation. Use forward for drilling. Reverse rotation can be used for removing jammed drill bits or for driving/removing screws if the tool is also used as a screwdriver.

6. Maintenance

6.1 Cleaning

Regularly clean the ventilation slots and the tool housing with a dry, soft cloth. Do not use water, solvents, or abrasive cleaners, as these can damage the tool. Remove any dust or debris from the chuck after use.

6.2 Storage

Store the drill in its original carrying case in a dry, secure place, out of reach of children. Protect it from moisture and direct sunlight.

6.3 Lubrication

The tool is factory-lubricated and generally does not require additional lubrication during its lifespan under normal operating conditions.

7. Troubleshooting

7.1 Drill does not start:

- Check if the power cable is securely connected to the drill and the power outlet.
- Verify that the power outlet is functional by testing it with another appliance.
- Inspect the power cable for any visible damage. If damaged, do not use the tool and have it repaired by a qualified technician.

7.2 Drill loses power or overheats:

- Ensure that the ventilation slots on the drill housing are clear of dust and debris.
- Do not overload the tool by applying excessive pressure or using dull drill bits.
- If the tool overheats, stop operation immediately and allow it to cool down before resuming use.

7.3 Excessive vibration:

- Ensure the drill bit is correctly inserted and securely tightened in the chuck.
- Check the drill bit for damage, bending, or dullness. Replace if necessary.

8. Technical Specifications

Parameter	Value
Model Number	IAN-100366803-3
Power Input	750 W
No-load Speed	50-3000 rpm
Impact Rate	Max. 48000 bpm
Torque	Max. 10 Nm
Drilling Capacity (Wood)	Max. 25 mm
Drilling Capacity (Concrete)	Max. 10 mm
Drilling Capacity (Steel)	Max. 8 mm
Power Cable Length	3 m
Voltage	220 V (AC)
Power Source	Corded Electric
Weight	Approx. 1.8 kg
Dimensions (Drill)	Approx. 296 x 200 x 73 mm (L x H x D)
Dimensions (Auxiliary Handle)	Approx. 190 x 90 x 56 mm (L x H x D)

Dimensions (Depth Stop)	Approx. 211 mm x Ø 6.6 mm
Material (Housing)	Polyamide, Glass Fiber (PA6 + GF3)
Material (Depth Stop)	Metal
Material (Case)	Polypropylene (PP)

9. Disposal Information

Do not dispose of power tools with household waste. They must be collected separately for environmentally friendly recycling. Contact your local authority or retailer for information on proper disposal facilities and recycling programs for electrical and electronic equipment.

10. Warranty and Support

This Parkside product comes with a standard manufacturer's warranty. For warranty claims, technical support, or inquiries regarding spare parts, please contact your retailer or the Parkside customer service department. Please retain your proof of purchase for any warranty-related matters.

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