

Parkside PSBM 750 B3

Parkside 750W PSBM 750 B3 Impact Drill User Manual

Model: PSBM 750 B3 | Reference: IAN-100366803-2

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your Parkside 750W PSBM 750 B3 Impact Drill. Please read this manual thoroughly before using the tool and keep it for future reference. Proper use and care will ensure optimal performance and extend the lifespan of your drill.

2. SAFETY INSTRUCTIONS

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Failure to follow these instructions may result in serious injury or damage to the tool.

2.1 General Power Tool Safety

- **Work Area Safety:** Keep your 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 use any adapter plugs with earthed (grounded) power tools. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges, and refrigerators.
- **Personal Safety:** Always wear eye protection. Use safety glasses, goggles, or a face shield. Wear hearing protection when operating the drill for extended periods. Dress properly; do not wear loose clothing or jewelry. Keep hair, clothing, and gloves away from moving parts.

2.2 Drill Specific Safety

- **Secure Workpiece:** Always secure the workpiece firmly. Do not hold it by hand.
- **Proper Grip:** Hold the tool firmly with both hands, especially when using the hammer drill function, to

counteract torque reaction.

- **Check for Hidden Utilities:** Before drilling into walls, floors, or ceilings, check for hidden electrical wires, gas pipes, or water pipes using a suitable detector.
- **Overheating:** Do not overload the drill. Allow it to cool down during prolonged use.

3. PRODUCT OVERVIEW

The Parkside 750W PSBM 750 B3 is a versatile impact drill designed for drilling into various materials including wood, metal, and masonry. It features a robust motor and an ergonomic design for comfortable use.



Figure 1: The Parkside 750W PSBM 750 B3 Impact Drill. This image displays the complete drill unit, including the main body, chuck, auxiliary handle, depth stop, and a black carrying case. The drill is predominantly green and black with red accents on the handle and controls.

3.1 Components and Controls

- **Chuck:** Holds the drill bit securely.
- **Auxiliary Handle:** Provides additional grip and control, especially during impact drilling.
- **Depth Stop:** Used to set a precise drilling depth.
- **Trigger Switch:** Activates the drill.
- **Lock-on Button:** For continuous operation.
- **Rotation Direction Switch:** Changes the direction of rotation (forward/reverse).
- **Drilling Mode Selector:** Switches between regular drilling and impact drilling modes.

4. SETUP

4.1 Attaching the Auxiliary Handle

1. Loosen the auxiliary handle by rotating it counter-clockwise.
2. Slide the handle over the chuck and onto the drill body.
3. Adjust the handle to a comfortable and secure position.
4. Tighten the handle by rotating it clockwise until it is firmly secured.

4.2 Inserting and Removing Drill Bits

1. **To Insert:** Ensure the drill is unplugged. Rotate the chuck collar counter-clockwise to open the jaws. Insert the drill bit fully into the chuck. Rotate the chuck collar clockwise to tighten the jaws firmly around the bit. Use the chuck key (if provided) for extra security.
2. **To Remove:** Ensure the drill is unplugged. Rotate the chuck collar counter-clockwise to loosen the jaws and remove the bit.

4.3 Setting the Depth Stop

1. Insert the depth stop rod into the hole on the auxiliary handle.
2. Adjust the rod so that the desired drilling depth is achieved when the tip of the drill bit touches the workpiece and the end of the rod touches the workpiece.
3. Tighten the auxiliary handle to secure the depth stop in place.

5. OPERATING INSTRUCTIONS

Before operating, ensure all safety precautions are understood and followed.

5.1 Selecting Drilling Mode

- **Drilling Mode (for wood, metal, plastic):** Set the mode selector switch to the drill symbol.
- **Impact Drilling Mode (for masonry, concrete):** Set the mode selector switch to the hammer symbol.

5.2 Powering On/Off and Speed Control

- **To Turn On:** Press the trigger switch. The drilling speed is variable depending on how far the trigger is pressed.
- **For Continuous Operation:** Press the trigger switch and then press the lock-on button. To release, press the trigger switch again.
- **To Turn Off:** Release the trigger switch.

5.3 Drilling Techniques

5.3.1 Drilling in Metal



Figure 2: Drilling into a metal workpiece. This image shows a person wearing protective gloves operating the Parkside drill to create a hole in a metal beam. The depth stop is visible, indicating precise drilling.

Use high-speed steel (HSS) drill bits. Apply light, steady pressure. Use cutting oil for better results and to prolong bit life. Start with a center punch to prevent the drill bit from wandering.

5.3.2 Drilling in Masonry/Concrete



Figure 3: Impact drilling into a brick wall. A person is shown holding the Parkside drill with both hands, applying pressure to drill into a light-colored brick wall. The auxiliary handle is correctly positioned for control.

Use carbide-tipped masonry drill bits. Set the drill to impact drilling mode. Apply firm, consistent pressure. Do not force the drill; allow the impact mechanism to do the work. Clear dust from the hole periodically.

5.3.3 General Drilling Tips



Figure 4: User demonstrating proper grip. This close-up image focuses on a person's hands firmly gripping the Parkside drill, highlighting the ergonomic design and the secure hold required for operation.

- Always start drilling at a low speed to prevent the bit from slipping.
- Increase speed gradually once the bit has engaged the material.
- Maintain a straight drilling angle.
- Withdraw the drill bit slowly while it is still rotating to clear debris.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your drill.

- **Cleaning:** Always unplug the drill before cleaning. Use a soft, damp cloth to wipe down the exterior. Do not use harsh chemicals or abrasive cleaners. Keep ventilation openings clear of dust and debris.
- **Cord Inspection:** Regularly inspect the power cord for any signs of damage, cuts, or fraying. If damaged, have it repaired by a qualified technician.
- **Storage:** Store the drill in a dry, secure place, out of reach of children. Use the provided carrying case for protection.
- **Carbon Brushes:** The carbon brushes may need replacement after extended use. This should be performed by a qualified service technician.

7. TROUBLESHOOTING

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







Problem	Possible Cause	Solution
Drill does not start	No power supply Damaged power cord Faulty switch	Check power outlet and circuit breaker Inspect cord for damage; replace if necessary Contact service technician
Reduced drilling performance	Dull or incorrect drill bit Overheating Worn carbon brushes	Replace with sharp, appropriate bit Allow drill to cool down Have carbon brushes checked/replaced
Excessive vibration/noise	Loose drill bit Damaged internal components	Ensure drill bit is securely tightened Discontinue use and contact service technician

8. SPECIFICATIONS

Feature	Specification
Model	PSBM 750 B3
Reference Number	IAN-100366803-2
Power	750 Watts
Power Source	Corded Electric
Max Rotation Speed	3000 RPM
Drill Type	Impact Drill (Hammer Drill)
Material	Metal (housing components)
Dimensions (L x W x H)	40 x 15 x 25 cm
Weight	2.76 kg
Special Feature	Adjustable

9. WARRANTY AND SUPPORT

Information regarding the product warranty and specific support contacts is not available in this manual. Please refer to the product packaging, purchase documentation, or the official Parkside website for detailed warranty terms and customer support options.

 <p>PARKSIDE</p> <p>IMPACT DRILL PSBM 500 A2</p> <p>IAN 93163</p>	<p>PARKSIDE Impact Drill PSBM 500 A2: Operation and Safety Manual</p> <p>User manual for the PARKSIDE PSBM 500 A2 Impact Drill. Provides detailed instructions on safe operation, features, technical specifications, and maintenance for optimal performance.</p>
 <p>PARKSIDE</p> <p>SCHLAGBOHRMASCHINE PSBM 750 B3</p> <p>IAN 317777_1901</p>	<p>Parkside PSBM 750 B3 Schlagbohrmaschine Bedienungsanleitung</p> <p>Diese Bedienungsanleitung bietet detaillierte Informationen zur sicheren und effektiven Nutzung der Parkside PSBM 750 B3 Schlagbohrmaschine. Enthält technische Daten, Sicherheitshinweise, Inbetriebnahme, Bedienung, Wartung, Entsorgung und Garantieinformationen.</p>
 <p>PARKSIDE</p> <p>IMPACT DRILL PSBM 500 A2</p> <p>IAN 93163</p>	<p>PARKSIDE Impact Drill PSBM 500 A2 - Operation and Safety Manual</p> <p>This document provides comprehensive operation and safety instructions for the PARKSIDE Impact Drill PSBM 500 A2. It includes details on proper use, features, technical specifications, safety advice, and maintenance.</p>
 <p>PARKSIDE</p> <p>TRAPANO A PERCUSSIONE SCALPELLATORE PNEUMATICO PBH 1050 B2</p> <p>IAN 295939</p>	<p>Manuale Utente PARKSIDE PBH 1050 B2 Trapano a Percussione Scalpellatore Pneumatico</p> <p>Manuale d'uso dettagliato per il trapano a percussione scalpellatore pneumatico PARKSIDE PBH 1050 B2. Include istruzioni di sicurezza, procedure operative, dati tecnici, manutenzione e informazioni sulla garanzia.</p>
 <p>PARKSIDE</p> <p>CORDESS IMPACT DRILL 20V / AKKUSCHLAGBOHRCHRAUBER 20 V / PERCUSSION VIS-SEUSE A PERCUSSION SANS FIL 20 V / PSBSAP 20-Li B2</p> <p>IAN 367231_2101</p>	<p>PARKSIDE Cordless Impact Drill 20V PSBSAP 20-Li B2 User Manual</p> <p>Comprehensive operating instructions and safety guidelines for the PARKSIDE Cordless Impact Drill 20V (Model: PSBSAP 20-Li B2). Learn about intended use, features, technical specifications, safe operation, maintenance, and warranty information provided by KOMPERNASS HANDELS GMBH.</p>
 <p>PARKSIDE</p> <p>CORDESS HAMMER DRILL 20V / AKKUS KOMBIALAPÁCS 20 V</p> <p>IAN 364899_2101</p>	<p>PARKSIDE PKHAP 20-Li B2 Akkus Kombikalapács Használati Útmutató</p> <p>Részletes használati útmutató a PARKSIDE PKHAP 20-Li B2 akkus kombikalapácschoz, amely tartalmazza a biztonsági utasításokat, a kezelést, a karbantartást és a jótállási információkat.</p>