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Bosch GSB 1080-2 LI

Bosch GSB 1080-2 LI Cordless Drill Machine Set User Manual

Model: GSB 1080-2 LI

1. INTRODUCTION

Thank you for choosing the Bosch GSB 1080-2 LI Cordless Drill Machine Set. This manual provides essential information for the safe and efficient operation, setup, and maintenance of your new tool. Please read these instructions carefully before using the product and keep them for future reference.

2. SAFETY INSTRUCTIONS

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Keep your work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Always wear appropriate personal protective equipment, including eye protection, hearing protection, and gloves.

- **Secure Workpiece:** Always secure the workpiece firmly. Unsecured workpieces can cause injury.
- **Avoid Overreaching:** Maintain proper footing and balance at all times.
- **Disconnect Power:** Disconnect the battery pack from the tool before making any adjustments, changing accessories, or storing the tool.
- **Use Correct Tool:** Do not force the tool. Use the correct tool for your application.
- **Store Idle Tools:** When not in use, store tools in a dry, high, or locked-up place out of reach of children.
- **Battery Safety:** Use only Bosch-approved batteries and chargers. Do not expose batteries to heat or fire.

3. PACKAGE CONTENTS

The Bosch GSB 1080-2 LI Cordless Drill Machine Set includes the following items:

- 1 x Cordless Drill Machine (GSB 1080-2 LI)
- 2 x 12V Lithium-Ion Batteries
- 1 x Battery Charger
- 1 x Carry Case



Image 1: Contents of the Bosch GSB 1080-2 LI Cordless Drill Machine Set, including the drill, two batteries, charger, and a blue carry case.

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your Bosch GSB 1080-2 LI Cordless Drill Machine.



Image 2: The Bosch GSB 1080-2 LI Cordless Drill Machine, a single battery pack, and the blue carry case.

Key Components:

1. **Chuck:** Holds drill bits and screwdriver bits.
2. **Torque Setting Ring:** Adjusts the clutch for different applications and materials.
3. **Gear Selector:** Switches between two speed settings (low for high torque, high for high speed).
4. **Forward/Reverse Switch:** Changes the rotation direction of the chuck.
5. **Trigger Switch:** Activates the drill and controls speed based on pressure.
6. **Battery Pack:** Provides power to the drill.
7. **Battery Release Button:** Used to remove the battery pack.

5. SETUP

5.1 Charging the Battery

1. Connect the charger to a suitable power outlet.
2. Insert the battery pack into the charger. Ensure it clicks into place.
3. The charging indicator light on the charger will show the charging status. Refer to the charger's specific instructions for light patterns.

4. Once fully charged, remove the battery from the charger.

5.2 Inserting and Removing the Battery

1. **Inserting:** Slide the charged battery pack into the base of the drill handle until it clicks securely into place.
2. **Removing:** Press the battery release button and slide the battery pack out of the handle.

5.3 Attaching and Removing Drill Bits/Accessories

1. **Attaching:** Rotate the chuck counter-clockwise to open the jaws. Insert the drill bit or accessory fully into the chuck. Rotate the chuck clockwise to tighten the jaws securely around the bit.
2. **Removing:** Rotate the chuck counter-clockwise to loosen the jaws and remove the bit.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off and Speed Control

Press the trigger switch to turn the drill on. The speed of rotation is controlled by the amount of pressure applied to the trigger switch. Release the trigger switch to turn the drill off.

6.2 Adjusting Torque and Gear Settings

1. **Torque Setting:** Rotate the torque setting ring to select the desired torque level. Lower settings are for driving small screws or working with soft materials, while higher settings are for larger screws or harder materials. The drill symbol indicates drilling mode, where the clutch does not engage.
2. **Gear Selector:** Use the gear selector to choose between two speed ranges. Position '1' provides lower speed and higher torque, suitable for driving screws or drilling large holes. Position '2' provides higher speed and lower torque, ideal for drilling smaller holes.

6.3 Forward/Reverse Operation

The forward/reverse switch controls the direction of rotation. Push the switch to the left for forward rotation (for drilling and driving screws). Push it to the right for reverse rotation (for removing screws or freeing jammed bits). Ensure the switch is in the center position to lock the trigger and prevent accidental starting.

6.4 Drilling Techniques

1. Mark the drilling spot accurately.
2. Start drilling at a low speed to prevent the bit from wandering.
3. Apply steady, even pressure. Do not force the drill.
4. For deep holes, periodically withdraw the bit to clear chips and allow the bit to cool.

7. MAINTENANCE

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

- **Cleaning:** Keep the ventilation openings of the drill clean to prevent overheating. Use a soft, damp cloth to clean the tool's exterior. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** Store batteries in a cool, dry place. Do not store fully discharged batteries for extended periods. Charge them periodically if not in use.
- **Chuck Maintenance:** Periodically clean the chuck jaws to ensure proper gripping of bits.
- **Storage:** Store the drill and accessories in the provided carry case in a dry, secure location, out of reach

of children.

8. TROUBLESHOOTING

If you encounter issues with your Bosch GSB 1080-2 LI, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Drill does not start	Battery not charged or improperly inserted. Forward/Reverse switch in center (locked) position.	Charge battery and ensure it is fully inserted. Move F/R switch to forward or reverse position.
Loss of power during operation	Battery is low. Overload.	Recharge battery. Reduce pressure or use a lower gear setting.
Bit slips in chuck	Chuck not tightened sufficiently. Bit shank is dirty or damaged.	Retighten chuck firmly. Clean or replace the bit.
Excessive vibration	Bent drill bit. Loose accessory.	Replace bent drill bit. Ensure accessory is securely fastened.

9. SPECIFICATIONS

Technical data for the Bosch GSB 1080-2 LI Cordless Drill Machine:

- **Brand:** Bosch
- **Model Number:** GSB 1080-2 LI
- **Power Source:** Battery Powered
- **Voltage:** 12 Volts
- **Amperage:** 1.5 Amps
- **Material:** Plastic
- **Item Weight:** 794 g
- **Maximum Power:** 2 Watts
- **Drill Type:** Basic Drill
- **Special Feature:** Ergonomic Grip, Portable, Elegant Design
- **Color:** Blue

10. WARRANTY AND SUPPORT

This product comes with **no warranty**. For any technical assistance or inquiries, please contact your local Bosch service center or authorized dealer. Always refer to official Bosch documentation for the most up-to-date information.