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### Bosch GBH 2400

# Bosch GBH 2400 Corded Rotary Hammer Instruction Manual

Model: GBH 2400

## 1. INTRODUCTION AND OVERVIEW

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The Bosch GBH 2400 is a robust corded rotary hammer designed for drilling in concrete, masonry, wood, and metal, as well as for chiseling applications. This manual provides essential information for safe and efficient operation, setup, maintenance, and troubleshooting of your tool.



Image 1.1: The Bosch GBH 2400 Corded Rotary Hammer. This image shows the main unit of the rotary hammer, highlighting its compact design and ergonomic

## Key Features:

- **Brand:** Bosch
- **Power Source:** Corded Electric
- **Type:** Rotary Hammer
- **Model Number:** GBH 2400
- **Battery Requirement:** No batteries required
- **Hazardous Material:** Not classified as dangerous or hazardous

## 2. SAFETY INSTRUCTIONS

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Always observe the following safety precautions to prevent electric shock, fire, and serious injury.

### 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. Do not use any adapter plugs with earthed (grounded) power tools. Avoid body contact with earthed or grounded surfaces.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating the tool for extended periods. Wear a dust mask if working in dusty conditions. Dress properly; avoid loose clothing or jewelry.
- **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. This will ensure that the safety of the power tool is maintained.

## 3. SETUP

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Before operating the Bosch GBH 2400, ensure proper setup for safety and optimal performance.

### Attaching the Auxiliary Handle:

1. Loosen the auxiliary handle by turning it counter-clockwise.
2. Slide the auxiliary handle onto the tool's neck until it is in a comfortable and secure position.
3. Tighten the auxiliary handle by turning it clockwise. Ensure it is firmly secured before use.

### Inserting and Removing Drill Bits/Chisels (SDS-plus System):

1. Clean the shank of the drill bit/chisel and apply a thin layer of grease.
2. Insert the drill bit/chisel into the tool holder by rotating it until it engages. Pull on the bit to ensure it is locked. The SDS-plus system allows for slight axial movement, which is normal.
3. To remove, pull back the locking sleeve and pull the drill bit/chisel out of the tool holder.

## 4. OPERATING INSTRUCTIONS

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Understand the different operating modes and how to use your rotary hammer effectively.

### Mode Selector Switch:

The GBH 2400 features a mode selector switch to choose between different functions:

- **Hammer Drilling:** For drilling in concrete and masonry with impact.
- **Drilling:** For drilling in wood, metal, ceramics, and plastic without impact.
- **Chiseling:** For light chiseling work (e.g., removing tiles, light demolition).

To change the operating mode, rotate the mode selector switch to the desired symbol. Ensure the tool is unplugged when changing modes to prevent accidental activation.

### Starting and Stopping:

- To start the tool, press the On/Off switch.
- To stop the tool, release the On/Off switch.
- For continuous operation, press the On/Off switch and then press the lock-on button. To switch off, press the On/Off switch again.

### Working Tips:

- Always secure your workpiece.
- Apply moderate pressure; do not force the tool.
- For deep holes, periodically withdraw the drill bit to clear dust.

## 5. MAINTENANCE

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Regular maintenance ensures the longevity and safe operation of your Bosch GBH 2400.

### Cleaning:

- Always unplug the tool before cleaning.
- Keep the ventilation openings clean to prevent motor overheating.
- Clean the tool holder regularly to ensure proper function of the SDS-plus system.

### Carbon Brushes:

The carbon brushes wear out over time. When they are worn, the tool may spark excessively or stop working. Have carbon brushes replaced by an authorized Bosch service center to ensure proper function and safety.

### Lubrication:

The SDS-plus tool holder requires periodic lubrication. Apply a small amount of special grease to the shank of the drill bit before insertion to reduce wear and improve performance.

## 6. TROUBLESHOOTING

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Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Tool does not start.	No power supply; faulty switch; worn carbon brushes.	Check power connection. Test outlet. If switch or brushes are suspected, contact service.
Reduced impact power.	Worn drill bit; insufficient lubrication of tool holder; internal wear.	Replace drill bit. Lubricate drill bit shank. Contact service for internal issues.

Problem	Possible Cause	Solution
Excessive sparking at motor.	Worn carbon brushes; motor overload.	Have carbon brushes checked/replaced. Reduce load on the tool.
Drill bit not locking in holder.	Tool holder dirty; damaged locking mechanism.	Clean tool holder thoroughly. If damaged, contact service.

## 7. SPECIFICATIONS

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Detailed technical specifications for the Bosch GBH 2400 rotary hammer.

- **Manufacturer:** Bosch
- **Model Number:** GBH2400
- **Item Weight:** 2.9 Kilograms
- **Product Dimensions:** 37.7 x 21 x 8.3 cm
- **Material:** Metal
- **Power Source Type:** Corded Electric
- **Voltage:** 230 Volts
- **Wattage:** 720 Watts
- **Current Rating:** 3.04 Amps
- **Drill Type:** Rotary Hammer
- **Included Components:** Chuck key, basic accessories
- **Batteries Included:** No
- **Batteries Required:** No
- **First Available Date:** January 7, 2010

## 8. WARRANTY AND SUPPORT

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For warranty information, please refer to the warranty card included with your product or visit the official Bosch Professional website. For technical support, spare parts, or service inquiries, please contact your local authorized Bosch service center.

You can find contact details for Bosch service centers on the official Bosch Professional website [www.bosch-professional.com](http://www.bosch-professional.com)

