

## BOSCH GBH 2-18 RE

# Bosch GBH 2-18 RE Professional Rotary Hammer Drill User Manual

## INTRODUCTION

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This manual provides essential instructions for the safe operation, setup, maintenance, and troubleshooting of your Bosch GBH 2-18 RE Professional Rotary Hammer Drill. Please read this manual thoroughly before using the tool and keep it for future reference to ensure safe and efficient use.

## GENERAL POWER TOOL SAFETY WARNINGS

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**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.

- **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. Water entering a power tool will increase the risk of electric shock.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating the tool for extended periods. Wear a dust mask if operations create dust. Stay alert, watch what you are doing, and use common sense when operating a power tool.
- **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. Store idle power tools out of the reach of children.
- **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.

## PRODUCT OVERVIEW

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Familiarize yourself with the key components of your Bosch GBH 2-18 RE Rotary Hammer Drill:

- SDS-Plus Tool Holder (Chuck)
- Depth Stop
- Auxiliary Handle
- Mode Selector Switch
- On/Off Trigger Switch
- Forward/Reverse Rotation Switch
- Main Handle with Soft Grip
- Power Cord

## Product Illustration



*This image displays the Bosch GBH 2-18 RE Professional Rotary Hammer Drill. The tool is blue and black, featuring an auxiliary handle, a depth stop rod, and an SDS Plus drill bit inserted into the chuck. The main handle has a red trigger, and the side of the tool shows the 'BOSCH' logo and 'GBH 2-18 RE Professional' model designation.*

## INITIAL SETUP

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### Attaching the Auxiliary Handle

The auxiliary handle can be rotated to any position for optimal grip and control. Loosen the handle by twisting it counter-clockwise, adjust its position around the tool's collar, and then tighten it securely by twisting clockwise.

### Inserting SDS-Plus Drill Bits

1. Clean the shank of the drill bit and apply a thin layer of grease to ensure smooth insertion and removal.
2. Insert the drill bit into the SDS-Plus tool holder by rotating it until it engages and locks into place.
3. Pull the drill bit to check if it is securely locked. The SDS-Plus system allows for a slight axial movement of the bit, which is normal and necessary for the hammer action.

## Setting the Depth Stop

Insert the depth stop rod into the designated hole on the auxiliary handle. Adjust the depth stop to the desired drilling depth by sliding it along the rod. This helps in achieving consistent drilling depths.

## OPERATING INSTRUCTIONS

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### Mode Selection

The Bosch GBH 2-18 RE offers different operating modes, selected via the mode selector switch:

- **Hammer Drilling:** For drilling in hard materials such as concrete, masonry, and stone. Use the mode selector switch to select the symbol depicting a hammer and a drill bit.
- **Rotary Drilling (Impact Stop):** For drilling in softer materials like wood, metal, ceramics, and plastics. Use the mode selector switch to select the symbol depicting only a drill bit. This mode utilizes the tool's impact stop feature, disengaging the hammer action.

### Switching On/Off and Variable Speed

To switch on the power tool, press the On/Off trigger switch. The tool features variable speed control; the drilling speed can be continuously adjusted depending on how far the trigger switch is pressed. For full speed, press the trigger completely. To switch off, release the trigger switch.

### Forward/Reverse Rotation

Use the forward/reverse rotation switch, typically located near the trigger, to change the direction of rotation. This feature is useful for driving screws (with appropriate accessories) or for freeing a jammed drill bit from a workpiece.

### Overload Clutch

The tool is equipped with an overload clutch for user protection. If the drill bit jams in the workpiece, the drive to the drill spindle is interrupted. Always hold the tool firmly with both hands to maintain control and prevent injury in such situations.

## MAINTENANCE AND CARE

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### Cleaning

Keep the ventilation slots of the power tool clean to prevent overheating and ensure proper motor cooling. Regularly clean the tool holder to remove dust and debris that could impede bit insertion or removal.

### Lubrication

Periodically apply a thin layer of grease to the SDS-Plus drill bit shanks before insertion. This ensures smooth operation, reduces wear on the tool holder, and prolongs the life of both the bit and the tool.

### Storage

When not in use, store the power tool in a dry, secure place, out of reach of children and away from direct sunlight or extreme temperatures.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	No power supply	Check power cord, plug, and electrical outlet. Ensure the trigger switch is fully depressed.
Reduced drilling performance	Worn drill bit / Incorrect operating mode selected	Replace the drill bit if dull or damaged. Ensure the correct operating mode (hammer drilling or rotary drilling) is selected for the material.
Excessive vibration during operation	Loose auxiliary handle / Damaged or bent drill bit	Tighten the auxiliary handle securely. Inspect the drill bit for damage and replace if necessary.
Drill bit jams frequently	Applying too much pressure / Incorrect drill bit for material	Reduce feed pressure. Ensure you are using the appropriate SDS-Plus drill bit for the material being drilled.

## TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	BOSCH
Model Number	GBH 2-18 RE Professional
Power Source	Corded
Amperage	6 Amps
Wattage	550 Watts
Maximum Power	850 Watts
Colour	Blue
Special Feature	Variable Speed
Material	Metal, Plastic, Rubber
Drill Type	Hammer Drill
Product Dimensions (LxWxH)	7 x 31.6 x 19.1 cm
Global Trade Identification Number	03165140481182
Date First Available	24 June 2013

## WARRANTY AND CUSTOMER SUPPORT

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This Bosch GBH 2-18 RE Professional Rotary Hammer Drill comes with a 6-month warranty. For warranty claims, technical assistance, or service, please contact your authorized Bosch service center or the retailer from whom the product was purchased.

For further technical details and support resources, you may visit the official Bosch Professional website or consult the documentation provided at the time of purchase.