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Ingco RH150068

Ingco RH150068 Hammer Drill Instruction Manual

Model: RH150068 | Brand: Ingco

INTRODUCTION

This manual provides essential instructions for the safe operation, maintenance, and troubleshooting of your Ingco RH150068 Hammer Drill. Please read this manual thoroughly before using the tool to ensure proper and safe usage. Keep this manual for future reference.

GENERAL SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- **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. 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 the hammer drill. Dress properly; do not wear loose clothing or jewelry. Keep hair, clothing, and gloves away from moving parts.
- **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.

PRODUCT OVERVIEW

The Ingco RH150068 is a robust corded electric hammer drill designed for demanding drilling tasks. It features a 1500-watt motor and a 32mm drilling capacity.



Figure 1: Ingco RH150068 Hammer Drill. This image displays the main unit of the corded electric hammer drill, typically featuring its multi-color housing, ergonomic handle, and the keyless chuck mechanism.

Included Components:

- Ingco RH150068 Hammer Drill Unit
- Chuck Key
- Carry Case

SETUP

1. Unpacking

Carefully remove the hammer drill and all accessories from the carry case. Inspect the tool for any signs of damage that may have occurred during shipping. Do not use the tool if it appears damaged.

2. Attaching Accessories

The RH150068 features a keyless chuck. To insert a drill bit:

1. Rotate the chuck collar counter-clockwise until the jaws are open wide enough to accept the drill bit.
2. Insert the drill bit fully into the chuck.

3. Rotate the chuck collar clockwise to tighten the jaws securely around the drill bit. Ensure the bit is centered and firmly held.

Note: Although the product description mentions "Chuck Key" as an included component, the specification states "Keyless Chuck". For this manual, we will assume the "Keyless Chuck" specification is correct for operation, and the "Chuck Key" might be for another accessory or a general listing error. If it were a keyed chuck, the key would be used to tighten.

3. Power Connection

Ensure the power switch is in the "OFF" position before plugging the tool into a power outlet. Connect the corded electric hammer drill to a standard 220V power supply. Use an appropriate extension cord if necessary, ensuring it is rated for the tool's power requirements (1500 Watts).

OPERATING INSTRUCTIONS

1. Starting and Stopping

- To start the tool, press the trigger switch.
- To stop the tool, release the trigger switch.
- For continuous operation, press the trigger and then press the lock-on button (if available). To release, press the trigger again.

2. Drilling Modes

The Ingco RH150068 features hammer functionality for drilling into masonry and concrete, and a rotation-only mode for drilling into wood, metal, or plastics.

- **Hammer Drilling:** Select the hammer icon on the mode selector switch for drilling into hard materials. This mode combines rotation with a hammering action.
- **Rotary Drilling:** Select the drill bit icon on the mode selector switch for standard drilling without hammering.

3. Reverse Rotation

The tool is equipped with a reverse rotation feature, useful for removing jammed drill bits or driving/removing screws (though screw functionality is listed as 'No' in product description, the reverse function is present). The direction of rotation is controlled by a switch, usually located near the trigger.

- Push the switch to the left for forward (clockwise) rotation.
- Push the switch to the right for reverse (counter-clockwise) rotation.

Caution: Always ensure the tool has come to a complete stop before changing the direction of rotation.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your hammer drill.

1. Cleaning

- After each use, clean the tool with a soft cloth to remove dust and debris.
- Do not use water or chemical cleaning agents, as these can damage the tool's electrical components.
- Periodically clean the ventilation openings to prevent overheating.

2. Storage

- Store the hammer drill in its original carry case in a dry, secure location, out of reach of children.
- Protect the power cord from damage during storage.

3. Lubrication

This tool is designed for maintenance-free operation regarding internal lubrication. Do not attempt to lubricate internal components unless specified by a qualified service technician.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	No power supply; Faulty power cord/plug; Trigger switch fault	Check power outlet and connection; Inspect cord for damage; Contact service center
Loss of power during operation	Overload; Loose connection; Motor overheating	Reduce pressure on tool; Check power connections; Allow tool to cool down
Excessive vibration or noise	Damaged drill bit; Loose chuck; Internal component issue	Replace drill bit; Re-tighten chuck; Contact service center
Drill bit gets stuck	Incorrect drilling technique; Material too hard; Overload	Use appropriate pressure and speed; Ensure correct drill bit for material; Use reverse function to extract

If you encounter problems not listed here or if the suggested solutions do not resolve the issue, please contact Ingco customer support or an authorized service center.

SPECIFICATIONS

Feature	Detail
Model Number	RH150068 (Internal: CRHLI1601)
Power Source	Corded Electric
Voltage	220 Volts
Maximum Power	1500 Watts
Chuck Type	Keyless
Size (Drilling Capacity)	32 mm
Speed	850 RPM
Hammer Functionality	Yes
Reverse Function	Yes
Adjustable Speed	No

Feature	Detail
Item Weight	0.21 Kilograms (209 g)
Product Dimensions	10 x 20 x 37 cm

WARRANTY AND SUPPORT

Ingco products are manufactured to high-quality standards. For information regarding warranty coverage, service, or technical support, please refer to the warranty card included with your product or visit the official Ingco website. Keep your purchase receipt as proof of purchase for any warranty claims. For further assistance, please contact Ingco customer service.

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