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› INGCO ID7118 710W Corded Electric Impact Drill User Manual

Ingco ID7118

INGCO ID7118 710W Corded Electric Impact Drill User Manual

Model: ID7118

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your INGCO ID7118 710W Corded Electric Impact Drill. Please read this manual thoroughly before using the tool and retain it for future reference.

2. SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Keep this manual accessible for quick reference.

- **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. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection, hearing protection, and appropriate work gloves. Dress properly; avoid loose clothing or jewelry. Secure long hair.
- **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.
- **Maintenance:** Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the power tool's operation.

3. PACKAGE CONTENTS

Verify that all items are present and undamaged upon opening the package:

- INGCO ID7118 Impact Drill Unit
- Auxiliary Handle
- Chuck Key
- Depth Gauge
- User Manual

4. PRODUCT OVERVIEW

Familiarize yourself with the components and key features of your INCCO ID7118 Impact Drill.



Figure 1: The INCCO ID7118 Impact Drill, showing the main body, chuck, and auxiliary handle. This image provides a general view of the tool's design and primary components.

STRONG POWER, EFFICIENT OPERATION



710W POWERFUL MOTOR

Figure 2: An illustration highlighting the powerful 710W motor within the INGCO ID7118 Impact Drill, emphasizing its strong power and efficient operation capabilities.



2 FUNCTIONS

Figure 3: Close-up view of the function selector switch on the INGCO ID7118, indicating the two available modes: standard drilling and hammer drilling. This switch allows users to select the appropriate mode for different materials.

ADJUSTS THE DRILLING DEPTH AS NEEDED



WITH A DEPTH GAUGE

Figure 4: The INGCO ID7118 Impact Drill in use with the depth gauge attached. The depth gauge allows for precise control over drilling depth, preventing over-drilling.

NO-LOAD SPEED: 0-3000RPM



VARIABLE SPEED CONTROL

Figure 5: A detailed view of the variable speed control dial on the INGCO ID7118 Impact Drill. This dial allows users to adjust the rotational speed from 0 to 3000 RPM for optimal performance across various materials.



Figure 6: Close-up of the self-locking switch on the INGCO ID7118 Impact Drill. This feature enhances safety and allows for continuous operation without holding down the trigger.

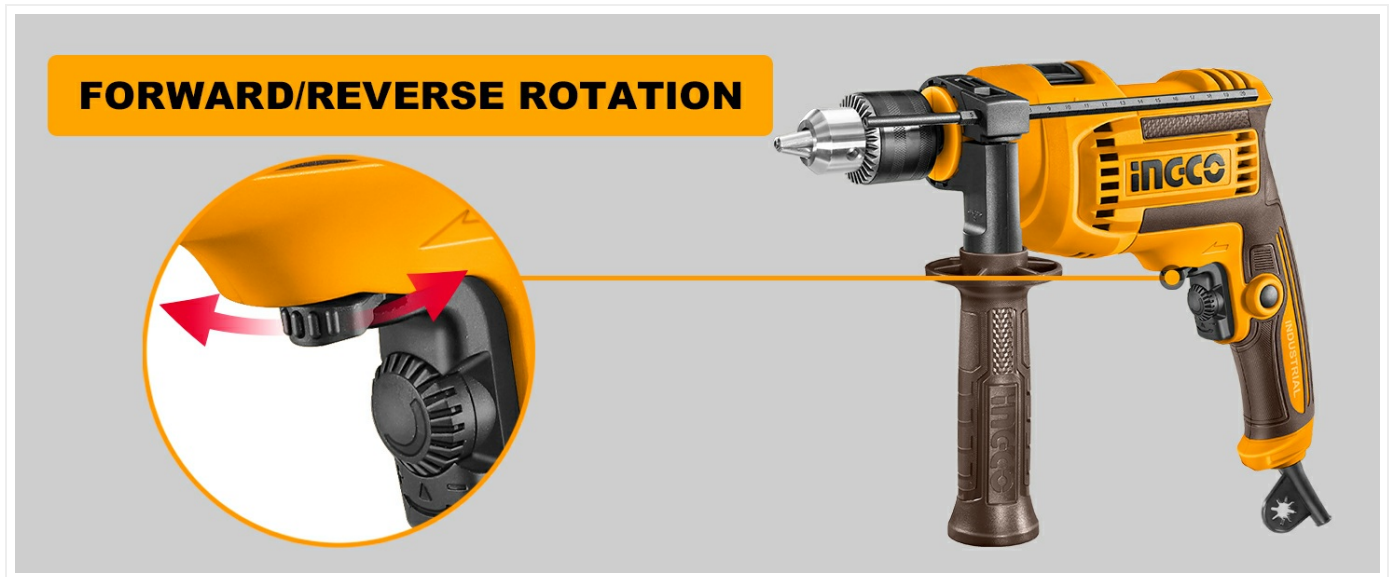


Figure 7: Illustration of the forward/reverse rotation switch on the INGCO ID7118 Impact Drill. This button allows for quick changes in drilling direction, useful for driving screws or extracting jammed bits.

5. SETUP

5.1 Attaching the Auxiliary Handle

The auxiliary handle provides additional control and stability during operation. Loosen the handle clamp, slide the handle onto the drill's neck, and tighten it securely in a comfortable position.

5.2 Installing a Drill Bit

1. Ensure the drill is unplugged from the power source.
2. Insert the desired drill bit into the chuck jaws.
3. Use the chuck key to firmly tighten the chuck jaws around the drill bit. Ensure the bit is centered and secure to prevent slippage during operation.
4. Remove the chuck key from the chuck before plugging in the drill.

5.3 Setting the Depth Gauge

To control drilling depth, insert the depth gauge into the hole on the auxiliary handle. Adjust its position so that the desired drilling depth is achieved when the end of the gauge touches the workpiece. Secure the gauge by tightening the locking screw on the auxiliary handle.

6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

Plug the drill into a suitable 220-240V AC power outlet. To start the drill, press the trigger switch. To stop, release the trigger. For continuous operation, press the trigger and then engage the self-locking switch (refer to Figure 6). To disengage, press the trigger again.

6.2 Selecting Drilling Mode (Impact/Drill)

The INGCO ID7118 offers two modes: standard drilling and hammer drilling. Use the mode selector switch located on top of the drill (refer to Figure 3) to choose the appropriate mode:

- **Drilling Mode:** For drilling into wood, metal, plastics, and other softer materials.

- **Hammer Drilling Mode:** For drilling into masonry, concrete, and other hard materials, combining rotation with a hammering action.

6.3 Adjusting Speed

The drill features variable speed control (0-3000 RPM). The speed can be adjusted by the pressure applied to the trigger switch. For more precise speed setting, use the variable speed control dial (refer to Figure 5) to pre-set the maximum speed.

6.4 Forward/Reverse Rotation

The forward/reverse switch (refer to Figure 7) allows you to change the direction of rotation. Push the switch to the left for forward rotation (drilling) and to the right for reverse rotation (removing screws or freeing jammed bits). Always ensure the drill has come to a complete stop before changing direction.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your tool.

- **Cleaning:** Keep the ventilation openings clear and free of dust. Use a soft, damp cloth to clean the tool casing. Do not use harsh chemicals or abrasive cleaners.
- **Chuck Maintenance:** Periodically clean the chuck jaws to ensure proper grip on drill bits.
- **Cord Inspection:** Regularly inspect the power cord for any signs of damage. If damaged, have it replaced by a qualified technician.
- **Storage:** Store the drill in a dry, secure place, out of reach of children.

8. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Drill does not start	No power supply; faulty power cord; trigger switch issue.	Check power outlet and cord. Ensure trigger is fully pressed. If problem persists, seek professional service.
Drill bit slips in chuck	Chuck not tightened sufficiently; worn chuck jaws; incorrect bit size.	Ensure chuck is tightened with the chuck key. Use correct bit size. Clean chuck jaws.
Excessive vibration or noise	Loose drill bit; damaged internal components; improper drilling technique.	Secure the drill bit. Ensure proper technique. If internal damage is suspected, discontinue use and seek professional service.
Overheating	Blocked ventilation slots; continuous heavy use; dull drill bit.	Clear ventilation slots. Allow tool to cool. Use sharp drill bits. Avoid prolonged heavy use.

9. SPECIFICATIONS

Technical data for the INGCO ID7118 Impact Drill:

- **Model:** ID7118
- **Power Source:** Corded Electric
- **Voltage:** 220-240V~50/60Hz
- **Input Power:** 710 Watts
- **No-Load Speed:** 0-3000 RPM
- **Chuck Capacity:** 13 mm

- **Drilling Capacity (Wood):** 13 mm
- **Drilling Capacity (Metal):** 13 mm
- **Drill Type:** Hammer Drill
- **Number of Speeds:** 2 (Drilling/Hammer Drilling)
- **Item Weight:** 1.95 Kilograms
- **Product Dimensions:** 7.9L x 24.5W x 26.8H Centimeters

10. WARRANTY AND SUPPORT

This INGCO product is manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your purchase or contact your retailer. An optional 1-year extended warranty plan may be available from third-party providers.

For technical support or service inquiries, please contact INGCO customer service or an authorized service center. Always provide the model number (ID7118) when seeking assistance.

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