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> Ingco ED2808 Corded Electric Drill User Manual

Ingco ED2808

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1. INTRODUCTION

Thank you for choosing the Ingco ED2808 Corded Electric Drill. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new power tool. Please read this manual thoroughly before using the drill and keep it for future reference. Proper use and care will ensure long-lasting performance and safety.

2. GENERAL SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electric tools to reduce the risk of fire, electric shock, and personal injury. Failure to follow these instructions may result in serious 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. Do not abuse the cord. Never use the cord for carrying, pulling, or unplugging the power tool. Keep cord away from heat, oil, sharp edges, or moving parts.
- **Personal Safety:** Always wear eye protection. Use safety equipment such as dust masks, non-skid safety shoes, hard hats, or hearing protection when appropriate. Stay alert, watch what you are doing, and use common sense when operating a power tool.
- **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. PRODUCT OVERVIEW

The Ingco ED2808 is a corded electric drill designed for various drilling and driving tasks. It features a robust motor and a 10mm chuck for versatile applications.



Figure 1: Ingco ED2808 Corded Electric Drill, front-side view. This image shows the overall design of the drill, including the main body, handle, chuck, and power cord connection.

Key Components:

- **Chuck:** Holds drill bits and other accessories securely. The ED2808 features a 10mm chuck.
- **Trigger Switch:** Activates and deactivates the drill.
- **Lock-on Button:** Allows for continuous operation without holding the trigger.
- **Forward/Reverse Switch:** Changes the direction of rotation for drilling or driving/removing screws.
- **Handle:** Ergonomically designed for comfortable grip and control.
- **Power Cord:** Connects the drill to the electrical power source.



Figure 2: Close-up view of the 10mm chuck. This image highlights the chuck mechanism where drill bits are inserted and secured.

4. SETUP

4.1 Unpacking

Carefully remove the drill and all accessories from the packaging. Inspect the tool for any damage that may have occurred during shipping. Do not use the tool if it appears damaged. Retain the packaging for safe storage or future

transport.

4.2 Attaching Drill Bits or Accessories

1. Ensure the drill is unplugged from the power source before attaching or removing any accessories.
2. Twist the chuck counter-clockwise to open the jaws.
3. Insert the shank of the drill bit or accessory fully into the chuck.
4. Twist the chuck clockwise to tighten the jaws securely around the bit. Ensure the bit is centered and firmly held.
5. Give the bit a gentle tug to confirm it is properly secured.

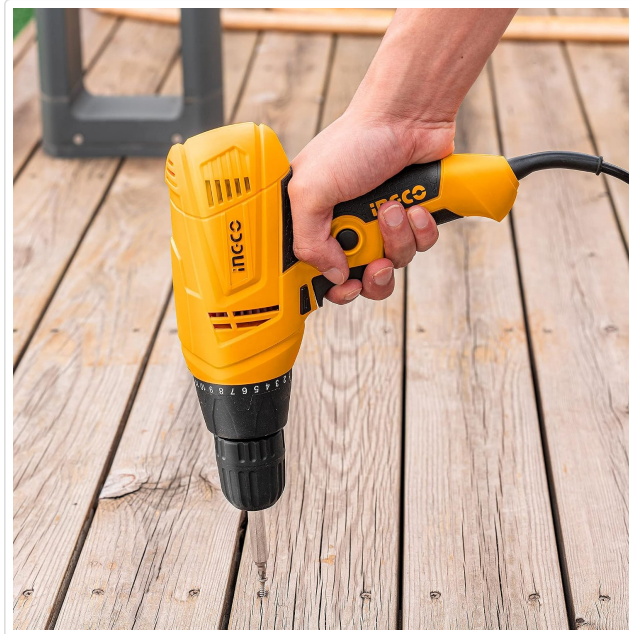


Figure 3: Proper handling of the Inco ED2808 drill during operation. This image demonstrates how to hold the drill for stability and control.

5. OPERATING INSTRUCTIONS

5.1 Power Connection

Connect the drill's power cord to a standard 220 Volt AC electrical outlet. Ensure the outlet is properly grounded and capable of supplying the required power.

5.2 Starting and Stopping

- **To Start:** Press the trigger switch. The drill will begin to rotate.
- **To Stop:** Release the trigger switch.
- **For Continuous Operation:** Press the trigger switch and then press the lock-on button. To release, press the trigger switch again.

5.3 Forward/Reverse Rotation

The forward/reverse switch is located above the trigger. Push it to the left for forward rotation (for drilling and driving screws) and to the right for reverse rotation (for removing screws or freeing jammed bits).

5.4 Drilling Techniques

- Always hold the drill firmly with both hands if possible, especially when drilling larger holes or in tough materials.
- Apply steady, even pressure. Do not force the drill. Let the tool do the work.

- For precise drilling, mark the drilling spot with a center punch before starting.
- When drilling through materials, ensure there is nothing behind the workpiece that could be damaged or cause injury.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your Ingco ED2808 drill.

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

7. TROUBLESHOOTING

If you encounter issues with your Ingco ED2808 drill, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
Drill does not start	No power supply; Damaged power cord; Faulty switch	Check power outlet and cord connection; Inspect power cord for damage; Contact service center if switch is faulty.
Loss of power during operation	Overload; Loose connection	Reduce pressure on the drill; Check power cord connection.
Bit slips in chuck	Chuck not tightened properly; Dirty chuck jaws; Damaged bit shank	Retighten chuck securely; Clean chuck jaws; Replace damaged bit.
Excessive vibration or noise	Bent drill bit; Loose components; Internal damage	Replace bent drill bit; Check for loose parts; Contact service center.

8. SPECIFICATIONS

Technical specifications for the Ingco ED2808 Corded Electric Drill:

Feature	Specification
Model Number	ED2808
Voltage	220 Volts
Maximum Power	500 Watts

Feature	Specification
Maximum Chuck Size	10 Millimeters
Torque	20 Newton Meters
Item Weight	350 Grams
Product Dimensions	28 x 18 x 8 cm
Material	Metal
Power Source Type	Corded Electric

9. WARRANTY AND SUPPORT

Ingco products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty card included with your purchase or visit the official Ingco website. For technical support, spare parts, or service inquiries, please contact your local Ingco dealer or authorized service center. Always provide the model number (ED2808) when seeking assistance.

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