Ingco PDB17008

INGCO Electric Demolition Breaker User Manual

Model: PDB17008

1. Introduction

Thank you for choosing the INGCO 1700W 16KG Electric Demolition Breaker PDB17008. This powerful tool is designed for heavy-duty industrial use, featuring a 1700W motor, 1400bpm impact rate, and 45J impact force, utilizing a HEX chuck system. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your demolition breaker. Please read this manual thoroughly before initial use and keep it for future reference.

2. Important Safety Instructions

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury when operating power tools.

- **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. Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges, and refrigerators.
- **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

Upon opening the package, verify that all items listed below are present and undamaged:

- INGCO 1700W 16KG Electric Demolition Breaker (PDB17008)
- 2 pcs Chisels (HEX chuck system)

- Carrying Case
- User Manual



Image: The INGCO Demolition Breaker, along with its two chisels and other accessories, neatly organized within its durable carrying case.

4. Setup and Assembly

Follow these steps for initial setup of your demolition breaker:

1. **Unpacking:** Carefully remove the demolition breaker and all accessories from the carrying case. Inspect for any shipping damage.
2. **Chisel Installation:** The PDB17008 uses a HEX chuck system. To install a chisel, pull back the chuck collar, insert the chisel shank fully into the chuck, and then release the collar. Ensure the chisel is securely locked in place by gently pulling on it.
3. **Handle Adjustment:** Adjust the auxiliary handle to a comfortable and secure position for optimal control during operation. Tighten the handle firmly.
4. **Power Connection:** Ensure the tool's power switch is in the 'OFF' position before plugging the cord into a suitable 240V power outlet.



Image: The INGCO 1700W 16KG Electric Demolition Breaker shown alongside its robust carrying case, ready for transport or storage.

5. Operation Guide

Operating the demolition breaker requires attention to technique and safety.

1. **Starting the Tool:** With the chisel securely installed and the tool plugged in, firmly grip both handles. Press the power switch to turn the tool ON.
2. **Applying Pressure:** Apply steady, firm pressure to the tool, guiding the chisel into the material to be broken. Allow the tool's impact force to do the work; excessive force is not necessary and can lead to fatigue or damage.
3. **Working Angle:** For optimal breaking performance, position the chisel at an angle that allows it to penetrate and fracture the material effectively. Experiment with different angles to find the most efficient approach for your specific task.
4. **Stopping the Tool:** Release the power switch to turn the tool OFF. Always wait for the chisel to come to a complete stop before setting the tool down.
5. **Lock Speed Button:** The tool features a lock speed button for continuous operation without holding the trigger. Engage this button for extended breaking tasks, and disengage it when you need to stop the tool quickly.



Image: A detailed view of the INGCO Demolition Breaker's robust main body, highlighting its ergonomic design and control features.

6. Maintenance and Care

Regular maintenance ensures the longevity and optimal performance of your demolition breaker.

- **Cleaning:** After each use, clean the tool thoroughly. Remove dust and debris from ventilation openings to prevent overheating. Use a dry cloth or soft brush. Do not use water or chemical cleaners.
- **Lubrication:** Periodically check the lubrication level as per the manufacturer's recommendations. The HEX chuck system may require occasional lubrication to ensure smooth chisel insertion and removal.
- **Chisel Condition:** Inspect chisels for wear or damage. Replace worn or blunt chisels to maintain efficiency and prevent damage to the tool.
- **Cord Inspection:** Regularly inspect the power cord for any cuts, abrasions, or damage. If damaged, have it repaired by a qualified technician.
- **Storage:** Store the demolition breaker in its original carrying case in a dry, secure location, away from direct sunlight and extreme temperatures.

7. Troubleshooting

This section addresses common issues you might encounter with your demolition breaker.

Problem	Possible Cause	Solution
Tool does not start	No power supply; Damaged power cord; Faulty switch	Check power outlet; Inspect cord for damage; Contact service center
Reduced impact force	Worn chisel; Insufficient lubrication; Internal wear	Replace chisel; Apply appropriate lubricant; Contact service center
Excessive vibration	Loose components; Worn parts	Check all fasteners; Contact service center for inspection
Overheating	Blocked ventilation; Continuous heavy use	Clean ventilation slots; Allow tool to cool down; Reduce load

8. Technical Specifications

Specification	Value
Brand	Ingco
Model Number	PDB17008
Input Power	1700W
Impact Rate	1400bpm
Impact Force	45J
Chuck System	HEX
Weight	16 Kgs (Demolition Breaker) / 0.21 Kilograms (Item Weight listed)
Voltage	240 Volts
Amperage	16 Amps

Specification	Value
Product Dimensions	28L x 18W x 8H Centimeters
Material	Plastic
Special Feature	Lock Speed Button
Country of Origin	China

9. Warranty and Support

For warranty information, service, or technical support, please refer to the warranty card included with your product or contact INGCO customer service. Keep your purchase receipt as proof of purchase for any warranty claims.

Manufacturer: INGCO

Importer: INGCO TOOLS

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