GOXAWEE G5045

GOXAWEE G5045 Rotary Tool Kit User Manual
Model: G5045

1. INTRODUCTION

Thank you for choosing the GOXAWEE G5045 Rotary Tool Kit. This versatile 240W power tool is designed for a wide range of DIY projects, offering precision and control for tasks such as grinding, cutting, polishing, drilling, and sanding. Featuring a 6-step variable speed control and a robust 3-jaw chuck, this kit provides the flexibility needed for various applications. Please read this manual carefully before operating the tool to ensure safe and efficient use.

2. 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 a dust mask if operating in dusty conditions. Wear non-skid safety shoes and a hard hat when appropriate. Do not overreach. Keep proper footing and balance at all times.

- **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. If damaged, have the power tool repaired before use.

3. PACKAGE CONTENTS

The GOXAWEE G5045 Rotary Tool Kit includes the following items:

- GOXAWEE G5045 Rotary Tool (240W, 1/4 Inch 3-Jaw Chuck)

- Advanced Flexible Shaft

- 82-Piece Multifunctional Accessory Set, including:

  - Sanding bands and drums

  - Cutting discs (abrasive and metal)

- Grinding stones (various shapes and grits)
- Polishing wheels and compound
- Drill bits
- Wire brushes
- Carbon brushes (replacement)
- Chuck key
- Small wrench for flex shaft
- Clear plastic storage box for accessories

This image displays the complete GOXAWEE G5045 Rotary Tool Kit. It features the blue and black 240W rotary tool with a 3-jaw chuck, an advanced flexible shaft, and a clear plastic case containing 82 multifunctional accessories. The accessories include various sanding bands, cutting discs, grinding stones, polishing wheels, drill bits, wire brushes, carbon brushes, a chuck key, and wrenches, all neatly arranged for different DIY projects.

4. SETUP

4.1 Installing Accessories into the 3-Jaw Chuck

1. Ensure the rotary tool is unplugged from the power source.

2. Press and hold the spindle lock button located on the top of the tool.

3. Loosen the 3-jaw chuck by turning it counter-clockwise until the jaws are open wide enough for your accessory.

4. Insert the shank of the desired accessory (e.g., drill bit, grinding stone) into the chuck. Ensure it is inserted as far as possible without bottoming out.

5. Tighten the chuck by turning it clockwise until the accessory is securely held. Use the provided chuck key for final tightening to prevent slippage during operation.

6. Release the spindle lock button.

4.2 Attaching the Flexible Shaft

1. Ensure the rotary tool is unplugged.

2. Remove any accessory currently in the main chuck of the rotary tool.

3. Unscrew the outer nut of the main chuck assembly from the rotary tool body.

4. Insert the inner drive shaft of the flexible shaft into the rotary tool's spindle. Ensure it seats properly.

5. Screw the flexible shaft's coupling nut onto the rotary tool's threaded collar until it is hand-tight.

6. To install accessories into the flexible shaft's handpiece, use the small wrench to loosen the collet nut, insert the accessory, and then tighten the collet nut securely.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Plug the rotary tool into a suitable power outlet (110V-230V~, 50/60Hz). To turn the tool on, slide the power switch to the 'ON' position. To turn it off, slide the switch to the 'OFF' position.

5.2 Variable Speed Control

The GOXAWEE G5045 features a 6-step variable speed dial, allowing you to adjust the rotational speed from 8,000 to 32,000 RPM. Rotate the dial to select the appropriate speed for your task and material. Lower speeds are generally suitable for polishing, delicate work, and softer materials, while higher speeds are ideal for cutting, grinding, and harder materials.

5.3 General Operation Tips

- Always test the tool on a scrap piece of material before working on your main project.

- Apply light, consistent pressure. Do not force the tool, as this can lead to overheating, damage to the accessory, or poor results.

- Keep the tool moving to prevent burning or gouging the material.

- For optimal performance and safety, ensure accessories are clean and in good condition. Replace worn or damaged accessories immediately.

6. MAINTENANCE

6.1 Cleaning

After each use, unplug the tool and clean the exterior with a soft, damp cloth. Use compressed air to clear dust and debris from the ventilation openings. Do not use harsh chemicals or abrasive cleaners.

6.2 Carbon Brush Replacement

The motor's carbon brushes will wear down over time. If the tool experiences reduced power, intermittent operation, or excessive sparking, the carbon brushes may need replacement. Unplug the tool, locate the brush caps on the sides of

the motor housing, unscrew them, remove the old brushes, and insert the new ones. Securely replace the brush caps.

6.3 Flexible Shaft Care

Periodically inspect the flexible shaft for kinks or damage. For smooth operation, the inner shaft may require light lubrication with a suitable grease after extended use. Refer to the flexible shaft's specific instructions for detailed maintenance.

7. TROUBLESHOOTING

- **Tool does not start:** Check if the tool is properly plugged into a live outlet. Ensure the power switch is in the 'ON' position. Inspect the power cord for damage. Check carbon brushes for wear.

- **Reduced power or intermittent operation:** This often indicates worn carbon brushes. Replace them as described in the Maintenance section.

- **Excessive vibration:** Ensure the accessory is correctly installed and securely tightened in the chuck. Check if the accessory is bent or damaged.

- **Overheating:** Do not apply excessive pressure. Allow the tool to cool down during prolonged use. Ensure ventilation slots are clear of debris.

If you encounter issues not covered here, please contact customer support.

8. SPECIFICATIONS

- **Model:** G5045
- **Brand:** GOXAWEE
- **Power:** 240W
- **Voltage:** 110V-230V~
- **Frequency:** 50/60Hz
- **No-load Speed:** 8,000 - 32,000 RPM (6-step variable speed)
- **Chuck Capacity:** 0.5 - 6 mm (1/4 Inch) 3-Jaw Chuck
- **UPC:** 789219162647
- **Manufacturer:** GOXAWEE

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or contact GOXAWEE customer service directly. Keep your purchase receipt as proof of purchase.