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Chemical Guys TORQ22D

Chemical Guys TORQ22D Random Orbital Polisher User Manual

Model: TORQ22D

1. Introduction

The Chemical Guys TORQ22D Random Orbital Polisher is designed for superior polishing and detailing across various surfaces. This robust, corded electric tool operates at 3000 RPM and 120 volts, making it suitable for automotive paint, carpet, upholstery, glass, metal, and plastic surfaces. Its innovative design features bi-directional cooling channels to extend the lifespan of buffing pads and the machine itself, ensuring optimal performance and durability.



Image 1.1: The Chemical Guys TORQ22D Random Orbital Polisher, showcasing its ergonomic design and red backing plate.

Key features include dual backing plates (5-inch and 6-inch) for versatility, an easy plate swap mechanism using the included TORQ Hex Key Tool, and durable construction with synthetic materials for heat resistance.

2. Safety Information

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

- **Read all instructions:** Familiarize yourself with the polisher's operation and safety guidelines before use.
- **Wear appropriate safety gear:** Always wear safety glasses, hearing protection, and a dust mask when operating the polisher.
- **Secure the workpiece:** Ensure the surface you are polishing is stable and secure to prevent movement during operation.
- **Keep work area clean:** Cluttered areas and benches invite injuries.
- **Avoid accidental starting:** Ensure the switch is in the OFF position before plugging in the tool.
- **Do not overreach:** Maintain proper footing and balance at all times.
- **Disconnect power:** Always unplug the polisher from the power source before making adjustments, changing accessories, or storing the tool.
- **Use the right tool:** Do not force the tool or attachment to do a job for which it was not designed.
- **Inspect for damage:** Before each use, check the power cord, plug, and the tool itself for any signs of

damage. Do not use if damaged.

3. Package Contents

Upon opening the package, verify that all components are present and undamaged. The TORQ22D package typically includes:

- Chemical Guys TORQ22D Random Orbital Polisher
- 5-inch Backing Plate
- 6-inch Backing Plate
- TORQ Hex Key Tool
- Carrying Case



Image 3.1: The TORQ22D Polisher with its included components, such as backing plates and hex key.

4. Setup

Follow these steps to prepare your TORQ22D polisher for use:

1. **Select Backing Plate:** Choose either the 5-inch or 6-inch backing plate based on the size of the polishing pad you intend to use and the area you are working on.
2. **Attach Backing Plate:** Align the backing plate with the polisher's spindle. Use the included TORQ Hex Key Tool to securely fasten the backing plate. Ensure it is tightened properly to prevent wobbling during operation.
3. **Attach Polishing Pad:** Press your desired polishing pad firmly onto the hook-and-loop surface of the backing plate. Ensure it is centered and securely attached.
4. **Power Connection:** Plug the polisher into a standard 120V/60Hz electrical outlet.



Image 4.1: Bottom view of the backing plate, showing the hook-and-loop surface for pad attachment.



Image 4.2: Top view of the TORQ22D Polisher, illustrating the overall design and handle for grip.

5. Operating Instructions

The TORQ22D polisher is designed for efficient and effective polishing. Always start with a clean, prepped surface.

1. **Apply Product:** Apply a small amount of your chosen polishing compound or wax directly onto the polishing pad.
2. **Power On:** Hold the polisher firmly and turn it on. The speed can be adjusted using the speed dial, typically located near the handle.
3. **Start Polishing:** Place the rotating pad flat against the surface before applying pressure. Move the polisher in a consistent, overlapping pattern (e.g., cross-hatch pattern) to ensure even coverage.
4. **Maintain Speed:** The polisher operates at 3000 RPM. Adjust the speed setting as needed for different stages of polishing or types of products.
5. **Bi-Directional Cooling:** The innovative design funnels fresh air to cool the buffing pad, backing plate, and machine. This helps maintain optimal performance and extends the life of your pads and tool.
6. **Versatile Use:** This tool is capable of polishing paint, metal, plastic, glass, and can also be used for scrubbing carpets and upholstery with appropriate attachments.
7. **Finish:** Once polishing is complete, turn off the polisher, remove it from the surface, and then unplug it. Wipe off any residue with a clean microfiber towel.



Image 5.1: Close-up view of the polisher's speed control dial and power switch.



Image 5.2: The TORQ22D polisher being used on a vehicle's paint, demonstrating its large throw for efficient work.



Image 5.3: A user operating the polisher on a car hood, highlighting its smooth and powerful motor for effective polishing.



Image 5.4: A visual comparison showing the effectiveness of the polisher in eliminating swirls, scratches, and defects.



Image 5.5: The polisher being used to quickly tackle large-scale detailing tasks on a vehicle.

6. Maintenance

Proper maintenance ensures the longevity and optimal performance of your TORQ22D polisher.

- **Cleaning:** After each use, wipe down the polisher's body with a clean, damp cloth. Remove any compound or wax residue from the backing plate.
- **Pad Care:** Clean polishing pads thoroughly after each use according to their specific instructions. Allow them to air dry completely before storage.
- **Cord Inspection:** Regularly inspect the power cord for cuts, fraying, or other damage. Replace if necessary.
- **Storage:** Store the polisher in its carrying case in a clean, dry place, away from direct sunlight and extreme temperatures.
- **Brush Replacement:** The motor brushes may require periodic inspection and replacement. Refer to a qualified service technician for this procedure if needed.

7. Troubleshooting

If you encounter issues with your TORQ22D polisher, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Polisher does not turn on	No power supply; Damaged cord/plug; Faulty switch	Check power outlet; Inspect cord/plug for damage; Contact customer support if switch is faulty.
Excessive vibration	Improperly attached backing plate/pad; Damaged backing plate/pad	Ensure backing plate and pad are securely attached and centered; Replace damaged components.
Reduced polishing effectiveness	Worn or dirty polishing pad; Incorrect product application	Clean or replace polishing pad; Ensure proper amount of compound is used.
Overheating	Blocked air vents; Prolonged heavy use	Ensure air vents are clear; Allow polisher to cool down during extended use.

If the problem persists after attempting these solutions, please contact Chemical Guys customer support for further assistance.

8. Specifications

- **Brand:** Chemical Guys
- **Model Number:** TORQ22D
- **Operating Voltage:** 120V/60Hz
- **Speed:** 3000 RPM
- **Included Components:** Polisher, 5-inch Backing Plate, 6-inch Backing Plate, TORQ Hex Key Tool, Carrying Case
- **Color (Backing Plate):** Red
- **UPC:** 811339023390
- **GTIN:** 811339023390

9. Warranty and Support

For specific warranty information regarding your Chemical Guys TORQ22D Random Orbital Polisher, please refer to the documentation included with your purchase or visit the official Chemical Guys website. For technical support, replacement parts, or service inquiries, please contact Chemical Guys customer service directly.
Contact Information:

- **Website:** www.chemicalguys.com
- **Amazon Store:** Chemical Guys Amazon Store

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