

DEWALT DWE4237-QS

DEWALT DWE4237-QS 125mm Angle Grinder User Manual

Model: DWE4237-QS

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your DEWALT DWE4237-QS 125mm Angle Grinder. Please read these instructions carefully before using the tool and keep them for future reference.

The DEWALT DWE4237-QS is a powerful 1400W angle grinder designed for professional use, featuring a 125mm disc diameter and a no-load speed of 11500 rpm. It includes safety features such as anti-restart protection and a tool-free adjustable guard.

2. SAFETY INSTRUCTIONS

WARNING: Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

2.1 General Power Tool Safety Warnings

- **Work Area Safety:** Keep work area clean and well lit. 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. Avoid body contact with earthed or grounded surfaces.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating for extended periods. Wear a dust mask in dusty conditions. Dress properly; avoid loose clothing or jewelry.
- **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.

2.2 Angle Grinder Specific Safety Warnings

- **Guard Safety:** Always use the guard provided with the tool. Ensure the guard is securely attached and positioned

for maximum safety.

- **Accessory Selection:** Only use accessories that are specifically designed for this angle grinder and rated for at least the maximum speed of the tool.
- **Kickback Prevention:** Maintain a firm grip on the tool. Position your body and arm to allow you to resist kickback forces.
- **Anti-Restart Protection:** The anti-restart system prevents accidental startup after a power interruption. The switch must be reset to the OFF position before the motor can restart.
- **Dust Ejection System:** The tool features a dust ejection system to remove debris, protecting the motor. Ensure it is not obstructed.

3. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the parts of your DEWALT DWE4237-QS Angle Grinder.



Figure 1: DEWALT DWE4237-QS Angle Grinder with key dimensions (Length: 39cm, Width: 15.6cm, Height: 12.19cm).

- **Main Body:** Houses the motor and internal components.
- **Spindle Lock:** Located on the side for easy disc changes.
- **Side Handle:** Multi-position for improved grip and control.
- **Guard:** Tool-free adjustable protective guard.
- **Power Cord:** Wired power source connection.
- **Slide Switch:** Power on/off control with anti-restart feature.
- **Flanges:** Inner and outer flanges for securing the grinding disc.

4. SETUP

4.1 Attaching the Side Handle

1. Ensure the tool is unplugged from the power source.
2. Screw the side handle into one of the threaded holes on the gear housing. The handle can be positioned on either side for left or right-handed operation.
3. Tighten securely.

4.2 Installing the Guard

1. Ensure the tool is unplugged.
2. Place the guard over the spindle housing.
3. Rotate the guard to the desired position to protect against sparks and debris.
4. Secure the guard using the tool-free quick-release mechanism. Ensure it is firmly locked in place.

4.3 Mounting the Grinding/Cutting Disc

1. Ensure the tool is unplugged.
2. Press and hold the spindle lock button.
3. Place the inner flange onto the spindle.
4. Position the grinding or cutting disc onto the inner flange, ensuring it is centered.
5. Screw the outer flange onto the spindle.
6. Use the provided service wrench to tighten the outer flange securely while holding the spindle lock button. Do not overtighten.



Figure 2: Images showing the side handle and grip area for proper handling during setup and operation.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

1. Plug the tool into a suitable power outlet (240 Volts).
2. To turn ON, slide the switch forward. For continuous operation, push the switch fully forward and press down.
3. To turn OFF, release the switch. If locked on, push the rear of the switch to release it.
4. The tool features a soft start for controlled power-up and an anti-restart protection system. If power is interrupted, the switch must be manually reset to OFF before the tool can be restarted.

5.2 Grinding and Cutting Techniques

- Always hold the grinder firmly with both hands, using the main handle and the side handle.
- Position the guard to direct sparks away from you and others.
- Allow the disc to reach full speed before contacting the workpiece.
- Apply light, even pressure. Do not force the tool.
- For grinding, hold the disc at a slight angle (15-30 degrees) to the workpiece.
- For cutting, hold the disc perpendicular to the workpiece and make straight cuts. Avoid bending or twisting the disc.

- The dust ejection system helps clear debris during operation, enhancing motor longevity.

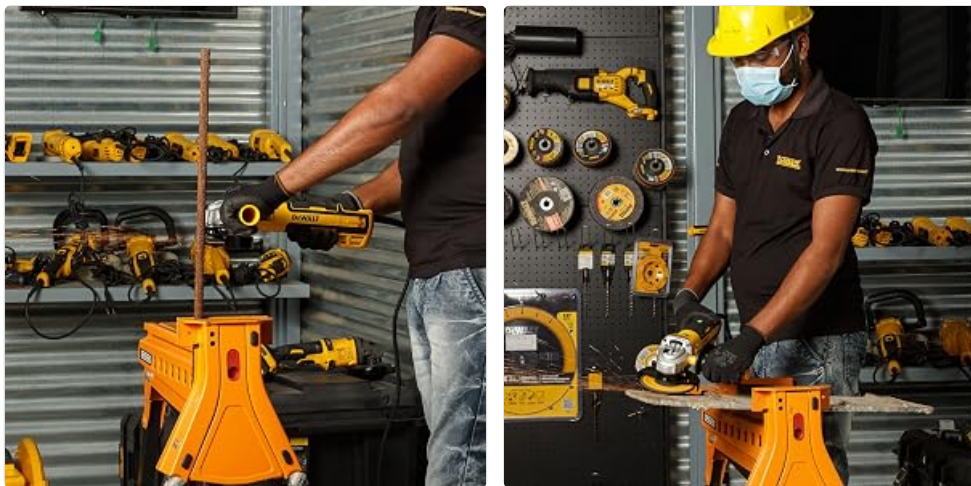


Figure 3: Examples of the angle grinder in operation, demonstrating cutting and general use on a workbench.

6. MAINTENANCE

6.1 Cleaning

- Always unplug the tool before cleaning.
- Regularly clean the ventilation slots to prevent overheating. Use a soft brush or compressed air.
- Wipe the tool housing with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the dust ejection system is clear of blockages.

6.2 Carbon Brush Replacement

The DWE4237-QS features auto-stop carbon brushes designed for extended motor life. When the brushes wear down, the tool will automatically stop. Replacement should be performed by a qualified service technician to ensure proper installation and maintain warranty.

6.3 Storage

- Store the tool in a dry, secure location out of reach of children.
- Ensure the power cord is neatly coiled and not kinked.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start.	No power supply; Anti-restart system activated; Worn carbon brushes.	Check power connection; Reset slide switch to OFF and then ON; Contact service for brush replacement.
Excessive vibration.	Disc improperly mounted or damaged; Loose flanges.	Check disc mounting and replace if damaged; Tighten flanges.
Reduced performance/overheating.	Blocked ventilation slots; Overloading the tool.	Clean ventilation slots; Reduce pressure on the workpiece.

Problem	Possible Cause	Solution
Disc jamming during operation.	Incorrect cutting technique; Disc not suitable for material.	Ensure proper cutting angle and pressure; Use appropriate disc for the material.

8. SPECIFICATIONS

Feature	Specification
Model Number	DWE4237-QS
Power Input	1400 W
Voltage	240 Volts
Max. Disc Diameter	125 mm
No-Load Speed	11500 rpm
Spindle Thread	M14
Switch Type	Slide Switch
Weight	3.1 kg
Dimensions (L x W x H)	39 x 15.6 x 12.19 cm
Sound Pressure Level	92 dB(A)
Sound Power Level	103 dB(A)
Vibration (Grinding)	8.3 m/s ²
Vibration (Sanding)	3 m/s ²
Included Components	Service wrench, Multi-position side handle, Inner/outer flange, Tool-free protective guard

9. WARRANTY AND SUPPORT

9.1 Warranty Information

This DEWALT product is covered by a manufacturer's warranty. Please refer to the warranty card included with your purchase or visit the official DEWALT website for detailed terms and conditions. Keep your proof of purchase for warranty claims.

Availability of spare parts: Information unavailable on spare parts.

9.2 Customer Support

For technical assistance, service, or to order replacement parts, please contact your local DEWALT service center or authorized dealer. You can find contact information on the official DEWALT website (www.dewalt.com).

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question