

DEWALT 931942-02

DEWALT DW850 & DW852 Grinder Guard Replacement Part 931942-02 User Manual

Model: 931942-02 | Brand: DEWALT

1. INTRODUCTION

This manual provides essential information for the safe and correct installation, operation, and maintenance of the DEWALT 931942-02 Grinder Guard. This guard is a genuine OEM replacement part designed for DEWALT DW850 Type A1 and DW852 Type A1 angle grinders. Please read this manual thoroughly before attempting any installation or use to ensure proper function and safety.

2. SAFETY INFORMATION

WARNING: Always disconnect the power tool from the power source before making any adjustments, changing accessories, or performing maintenance.

Failure to follow these instructions may result in serious injury or property damage.

- Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and hearing protection, when operating power tools.
- Ensure the grinder guard is securely attached and properly aligned before operating the grinder.
- Never operate a grinder without its guard in place. The guard is designed to protect against flying debris and accidental contact with the rotating wheel.
- Inspect the guard for damage before each use. Do not use a damaged guard.
- Refer to your grinder's original owner's manual for additional safety guidelines specific to your tool.

3. PACKAGE CONTENTS

Your package should contain the following item:

- 1 x DEWALT 931942-02 Grinder Guard



Image 1: The DEWALT 931942-02 Grinder Guard. This image shows the silver-colored guard with its mounting hole and adjustment slot.

4. SETUP AND INSTALLATION

This section details the steps for installing the 931942-02 Grinder Guard onto compatible DEWALT angle grinders (DW850 Type A1, DW852 Type A1).

1. **Power Disconnection:** Ensure the grinder is unplugged from the power source before beginning installation. This prevents accidental startup.
2. **Remove Old Guard (if applicable):** If replacing an existing guard, carefully remove it according to your grinder's owner's manual. Note the orientation and attachment method.
3. **Align New Guard:** Position the new DEWALT 931942-02 guard over the grinder's spindle housing. The guard should slide onto the designated mounting collar or slot.
4. **Secure the Guard:** Depending on your specific grinder model, the guard will either snap into place, be secured with a clamp, or require a screw/bolt. Ensure it is firmly seated and cannot rotate freely without adjustment. Refer to your grinder's owner's manual for precise attachment instructions.
5. **Adjust Position:** Once secured, adjust the guard's position to provide maximum protection for your specific grinding application. The guard should cover as much of the grinding wheel as possible while allowing for the task.
6. **Verify Security:** Before plugging in the grinder, manually check that the guard is tightly secured and does not wobble.



Image 2: A view of the DEWALT 931942-02 Grinder Guard, highlighting its attachment points. This image provides a closer look at the guard's design, showing the textured surface and the precise cutouts for mounting.

5. OPERATION

The grinder guard is a passive safety component. Its primary function is to provide protection during the operation of your angle grinder. Once properly installed and adjusted, it requires no further operational input during use.

- Always ensure the guard is positioned correctly for the task at hand, deflecting sparks and debris away from the operator.
- Never modify or remove the guard during operation.

6. MAINTENANCE

Regular maintenance of your grinder guard ensures its continued effectiveness and safety.

- **Cleaning:** Periodically clean the guard to remove dust, debris, and grinding residue. Use a dry cloth or compressed air. Avoid harsh chemicals that could damage the material.
- **Inspection:** Before each use, inspect the guard for any signs of damage, such as cracks, bends, or loose fasteners. A damaged guard must be replaced immediately.
- **Storage:** Store the grinder with the guard attached in a clean, dry place, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

This section addresses common issues related to the grinder guard.

Problem	Possible Cause	Solution
Guard is loose or wobbles	Improper installation; worn mounting mechanism on grinder.	Ensure guard is fully seated and secured. Check grinder's mounting points for wear. Replace guard or grinder if mounting points are compromised.
Guard does not fit	Incorrect guard model for grinder; manufacturing defect.	Verify the guard model number (931942-02) matches your grinder's compatibility (DW850 Type A1, DW852 Type A1). Contact DEWALT support if the part is incorrect or defective.
Guard is damaged (cracked, bent)	Impact during use or storage; material fatigue.	Immediately replace the damaged guard with a new, genuine DEWALT 931942-02 part. Do not use a damaged guard.

8. SPECIFICATIONS

- **Part Number:** 931942-02
- **Brand:** DEWALT
- **Compatibility:** DEWALT DW850 Type A1, DEWALT DW852 Type A1 Angle Grinders
- **Type:** Grinder Guard Replacement Part
- **Dimensions (approximate):** 19.69 x 19.69 x 23.5 cm (7.75 x 7.75 x 9.25 inches)
- **Weight (approximate):** 737.09 g (26 ounces)

9. WARRANTY INFORMATION

For specific warranty details regarding genuine DEWALT replacement parts, please refer to the warranty documentation included with your original DEWALT power tool or visit the official DEWALT website. Warranty terms typically cover manufacturing defects but may not cover damage due to improper installation, misuse, or normal wear and tear.

10. CUSTOMER SUPPORT

If you have any questions regarding the installation, operation, or compatibility of your DEWALT 931942-02 Grinder Guard, please contact DEWALT customer service. You can find contact information on the official DEWALT website or through your product's original documentation.

Official DEWALT Website: www.dewalt.com