Makita 198440-5

Makita 198440-5 Dust Collecting Wheel Cover 230 Instruction Manual

Model: 198440-5 | Brand: Makita

1. Introduction

This instruction manual provides essential information for the safe and effective use of the Makita 198440-5 Dust Collecting Wheel Cover 230. This accessory is designed to enhance dust control when using compatible Makita 230mm angle grinders for cutting applications. Please read this manual thoroughly before installation and operation to ensure proper usage and to prevent injury or damage.

2. Safety Information

Always prioritize safety when working with power tools and accessories. Failure to follow safety instructions can result in serious injury.

- **Read Angle Grinder Manual:** Always refer to the instruction manual of your specific Makita 230mm angle grinder for comprehensive safety guidelines, operation procedures, and maintenance instructions. This dust collecting cover is an accessory and does not replace the grinder's original safety instructions.
- **Personal Protective Equipment (PPE):** Always wear appropriate personal protective equipment, including safety glasses, hearing protection, dust mask, and heavy-duty gloves, when operating the angle grinder with this cover.
- **Power Disconnection:** Ensure the angle grinder is disconnected from its power source (unplugged or battery removed) before installing, adjusting, or performing any maintenance on the dust collecting wheel cover.
- **Secure Attachment:** Verify that the dust collecting wheel cover is securely attached to the angle grinder before operation. Loose attachments can lead to loss of control and injury.
- **Dust Extraction:** Connect the dust collecting cover to a suitable dust extraction system (e.g., a workshop vacuum cleaner) to effectively manage dust. Ensure the dust extractor is functioning correctly.
- **Inspect for Damage:** Before each use, inspect the dust collecting cover for any signs of damage, cracks, or wear. Do not use a damaged cover.
- **Maintain Clear Work Area:** Keep the work area clean and well-lit. Cluttered or dark areas invite accidents.

3. Product Overview

The Makita 198440-5 is a robust 230mm dust collecting wheel cover designed for use with compatible Makita angle grinders. It is engineered to control dust suction during cutting operations, providing a cleaner and safer working environment. The cover

features an adjustable design and integrated wheels for precise guidance.



Figure 1: Makita 198440-5 Dust Collecting Wheel Cover 230. This image shows the blue-colored dust collecting wheel cover with its integrated handle, dust extraction port, and four guide wheels at the base. The Makita logo is visible on the side.

Key Features:

- 230mm dust collecting wheel guard.
- Designed to resist wear and tear for extended durability.
- Tool-free installation; replaces the standard furrower.
- Equipped with 4 wheels at the base for following the cutting line.
- Adjustable depth to trace lines for pipe laying.
- Provides precise and quick cutting guidance.
- Effectively controls the suction of dust when connected to an extractor.

4. Setup

Follow these steps to properly install the Makita 198440-5 Dust Collecting Wheel Cover onto your compatible angle grinder.

1. **Ensure Power Disconnection:** Before beginning, ensure your angle grinder is completely disconnected from its power

source.

2. **Remove Existing Guard:** Remove the existing wheel guard or furrower from your 230mm angle grinder. Refer to your angle grinder's manual for specific instructions on guard removal.
3. **Attach Dust Collecting Cover:** Position the 198440-5 dust collecting wheel cover onto the angle grinder's spindle housing. The design allows for tool-free attachment, replacing the standard furrower. Ensure it clicks or locks securely into place.
4. **Install Cutting Disc:** Install the appropriate 230mm cutting disc for your application. Ensure the disc is correctly seated and tightened according to your angle grinder's instructions.
5. **Connect Dust Extractor:** Connect a suitable dust extraction hose to the dust port on the top of the wheel cover. Ensure a tight and secure connection to maximize dust collection efficiency.
6. **Adjust Depth (Optional):** If your application requires a specific cutting depth, adjust the cover's depth mechanism. The cover is designed to sink and is adjustable to trace lines for pipe laying.
7. **Compatibility:** This cover is compatible with Makita 230mm Angle Grinders, including models GA9020, GA9040, GA9050, GA9060, GA9062, GA9063, DGA900, and DGA901.

5. Operating Instructions

Once the dust collecting wheel cover is securely installed and the dust extractor is connected, you can begin operation. Always follow general angle grinder safety practices.

- **Power On Dust Extractor:** Before starting the angle grinder, ensure your dust extractor is turned on and operating.
- **Position the Tool:** Place the angle grinder with the attached dust cover onto the workpiece. The four wheels at the base are designed to guide the tool along the cutting line.
- **Start Cutting:** Turn on the angle grinder. Allow the disc to reach full speed before engaging with the material.
- **Maintain Control:** Apply steady, even pressure. The wheels assist in maintaining a straight and precise cut. Do not force the tool.
- **Monitor Dust Collection:** Observe the dust collection. If excessive dust escapes, check the dust extractor connection and ensure the system is functioning optimally.
- **Adjust as Needed:** For specific applications like tracing lines for pipes, utilize the adjustable sinking feature to achieve the desired depth and precision.
- **Finish Cut:** Once the cut is complete, lift the tool from the workpiece and turn off the angle grinder. Allow the disc to stop rotating completely before setting the tool down.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your dust collecting wheel cover.

- **Cleaning:** After each use, disconnect the cover from the angle grinder and clean it thoroughly. Remove any accumulated dust and debris from the interior, exterior, and especially around the wheels and adjustment mechanisms. Use a brush or compressed air.
- **Inspection:** Regularly inspect the cover for signs of wear, cracks, or damage, particularly on the plastic components and the guide wheels. The cover is designed to resist wear and tear, but heavy use can still cause degradation.
- **Storage:** Store the dust collecting wheel cover in a clean, dry place, away from direct sunlight and extreme temperatures.
- **No Lubrication:** This accessory typically does not require lubrication. Do not apply oils or greases unless specifically instructed by Makita.

7. Troubleshooting

This section addresses common issues you might encounter with the dust collecting wheel cover.

Problem	Possible Cause	Solution
Poor dust collection	◦ Dust extractor not powerful enough or clogged. ◦ Loose connection to dust extractor. ◦ Cover not properly sealed against workpiece. ◦ Damaged cover.	◦ Ensure dust extractor is appropriate for the task and clean its filter/bag. ◦ Check and secure the hose connection to the dust port. ◦ Ensure the cover is flush with the cutting surface during operation. ◦ Inspect cover for damage; replace if necessary.
Cover does not attach securely	◦ Incorrect angle grinder model. ◦ Debris obstructing attachment points. ◦ Damaged attachment mechanism.	◦ Verify your angle grinder is a compatible Makita 230mm model (e.g., GA9020, GA9040). ◦ Clean the grinder's spindle housing and the cover's attachment points. ◦ Inspect the cover's attachment mechanism for damage; replace if faulty.
Difficulty adjusting depth	◦ Dust or debris in adjustment mechanism. ◦ Mechanism damaged.	◦ Clean the depth adjustment components. ◦ If mechanism is damaged, contact Makita service.

8. Specifications

Technical specifications for the Makita 198440-5 Dust Collecting Wheel Cover 230.

Specification	Detail
Model Number	198440-5
Compatible Disc Diameter	230 mm
Material	Metal
Item Weight	3.49 kg
Cutting Diameter	38 Millimeters
Assembled Diameter	38 Millimeters
Included Components	1 x Makita 198440-5
Compatibility	Makita GA9020, GA9040, GA9050, GA9060, GA9062, GA9063, DGA900, DGA901 Angle Grinders

9. Warranty and Support

For warranty information, service, or technical support regarding your Makita 198440-5 Dust Collecting Wheel Cover, please refer to the documentation provided with your original purchase or contact Makita customer service directly. Warranty terms and conditions may vary by region and retailer.
You can find more information about Makita products and support on the official Makita website or through authorized dealers.

Visit the official Makita Store for additional products and resources.

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