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Ferm AGM 1042

FERM AGM 1042 Angle Grinder User Manual

Model: AGM 1042

INTRODUCTION

This manual provides essential instructions for the safe and effective operation, maintenance, and troubleshooting of your FERM AGM 1042 Angle Grinder. Please read this manual thoroughly before using the tool and keep it for future reference.

SAFETY INSTRUCTIONS

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

- Wear appropriate personal protective equipment (PPE) including safety glasses, hearing protection, and gloves.
- Ensure the workpiece is securely clamped before beginning any operation.
- Keep the 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.
- Avoid accidental starting. Ensure the switch is in the off-position before plugging in.
- Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- Use the correct power tool for your application. Do not force the tool.
- Maintain tools with care. Keep cutting tools sharp and clean.
- Keep children and bystanders away while operating a power tool.

PRODUCT OVERVIEW



Image 1: The FERM AGM 1042 Angle Grinder, showing the main body, auxiliary handle, power cord, and an installed cutting disc with guard.

Components

- Main Handle
- Auxiliary Handle (removable)
- Spindle Lock Button
- On/Off Switch
- Grinding/Cutting Disc Guard
- Spindle
- Power Cord

SETUP

Attaching the Auxiliary Handle

1. The auxiliary handle can be screwed into one of the three threaded holes on the gear housing, depending on the application and user preference.
2. Ensure the handle is tightened securely before use.

Installing/Changing Grinding or Cutting Discs

1. Disconnect the tool from the power supply.
2. Press and hold the spindle lock button to prevent the spindle from rotating.
3. Use the provided spanner wrench to loosen and remove the outer flange nut.
4. Place the desired grinding or cutting disc onto the spindle, ensuring it sits correctly on the inner flange. The disc should be compatible with the tool's specifications.
5. Reattach the outer flange nut and tighten it securely with the spanner wrench while holding the spindle lock button.
6. Ensure the disc guard is properly positioned to offer maximum protection. Adjust if necessary.

OPERATING INSTRUCTIONS

Starting and Stopping

- To start the tool, slide the On/Off switch forward. For continuous operation, push the switch further forward until it locks into place.
- To stop the tool, release the switch. If locked, press the rear part of the switch to release it.

Grinding and Cutting

- Always hold the angle grinder firmly with both hands, using the main handle and the auxiliary handle.
- Allow the disc to reach full speed before contacting the workpiece.
- For grinding, apply light, even pressure and move the tool smoothly across the surface. Avoid excessive pressure, which can damage the disc and motor.
- For cutting, use a cutting disc and make shallow passes, gradually increasing the depth. Do not twist or bend the disc during cutting.
- Be aware of kickback, especially when cutting. Maintain a firm grip and proper body positioning.
- After use, switch off the tool and wait for the disc to stop completely before setting it down.

MAINTENANCE

- **Cleaning:** Regularly clean the ventilation slots of the tool to prevent overheating. Use a soft brush or compressed air. Do not use water or chemical cleaners.
- **Carbon Brushes:** The carbon brushes are wear parts. If the motor sparks excessively or the tool loses power, the brushes may need replacement. This should be done by a qualified technician.
- **Power Cord:** Inspect the power cord regularly for damage. If damaged, have it replaced by a qualified service agent to avoid electrical hazards.
- **Storage:** Store the tool in a dry, secure place out of reach of children.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	No power supply; Faulty switch; Damaged cord	Check power connection; Inspect cord; Contact service center
Excessive sparking from motor	Worn carbon brushes	Have carbon brushes replaced by a qualified technician
Tool overheats	Blocked ventilation slots; Overloading	Clean ventilation slots; Reduce load; Allow tool to cool

SPECIFICATIONS

- **Brand:** Ferm
- **Model Number:** AGM 1042
- **Power Source:** Corded Electric

- **Type:** Angle Grinder
- **Batteries Required:** No

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the warranty card included with your product or contact your local FERM service center. Keep your purchase receipt as proof of purchase.



Related Documents - AGM 1042

	<p><u>FERM AGM1117P/AGM1119P Angle Grinder User Manual and Safety Guide</u></p> <p>This user manual provides essential safety instructions, operating procedures, and technical specifications for the FERM AGM1117P and AGM1119P angle grinders. Learn how to safely use and maintain your power tool.</p>
	<p><u>FERM BGM1020 Bench Grinder User Manual and Instructions</u></p> <p>Comprehensive user manual and safety instructions for the FERM BGM1020 Bench Grinder. Learn about machine data, installation, operation, maintenance, and troubleshooting for this 250W, 150mm bench grinder.</p>
	<p><u>FERM PRM1020P Trimmer: User Manual, Safety & Operation Guide</u></p> <p>Comprehensive user manual for the FERM PRM1020P trimmer. Learn about safe operation, assembly, maintenance, and troubleshooting for this powerful woodworking tool from FERM Industrial.</p>
	<p><u>Ferm FFZ-400N Scroll Saw User Manual: Operation, Safety, and Assembly</u></p> <p>User manual for the Ferm FFZ-400N Scroll Saw, detailing technical specifications, safety guidelines, assembly instructions, operation procedures, maintenance, troubleshooting, and spare parts. Includes CE conformity information.</p>



[FERM CTM1016 Combitool User Manual and Instructions](#)

Detailed user manual and instructions for the FERM CTM1016 Combitool, covering operation, safety, maintenance, and accessories for this versatile rotary power tool.



[FERM BCM1021 Battery Charger User Manual - 6V/12V](#)

User manual for the FERM BCM1021 battery charger. Learn about safe operation, installation, maintenance, and troubleshooting for your 6V/12V, 5A lead-acid battery charger.