

Fein 72226760120

Fein 5" Compact Angle Grinder CG 15-125 BL User Manual

Model: 72226760120

INTRODUCTION

Thank you for choosing the Fein 5" Compact Angle Grinder CG 15-125 BL. This powerful and versatile tool is designed for effective grinding, cutting, and deburring work on various materials, including stainless steel. Featuring a brushless PowerDrive motor and advanced safety features, it offers extended service life and reliable performance for demanding applications. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new angle grinder.



SAFETY INSTRUCTIONS

Always prioritize safety when operating power tools. Read and understand 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.

- **Personal Protective Equipment:** Always wear appropriate personal protective equipment, including safety glasses, hearing protection, gloves, and a dust mask, especially when grinding or cutting.
- **Work Area Safety:** Keep your 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.
- **Electrical Safety:** Ensure the power supply matches the voltage specified on the tool. Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Tool Handling:** Always hold the tool firmly with both hands. Utilize the anti-vibration handle for improved control and reduced fatigue.
- **Accessory Compatibility:** Only use accessories that are specifically designed and rated for this angle grinder. Ensure accessories are properly mounted and secured before operation.
- **Advanced Safety Features:** This grinder is equipped with a soft start, restart protection, jam monitoring, electronic overload protection, speed selection, and kickback control. Familiarize yourself with these features and their operation to ensure maximum safety during use.
- **Dust Protection:** The fully enclosed motor housing and separate electronics protect against ceramic and mineral dust. However, always manage dust effectively in your workspace.

SETUP

Before initial use, ensure all components are present and undamaged.

1. **Unpacking:** Carefully remove the angle grinder and all included accessories from the packaging. Verify that you have: 1 guard, 1 tool-free quick-action clamping nut, 1 anti-vibration handle, and 1 wrench.
2. **Attaching the Anti-Vibration Handle:** Screw the anti-vibration handle into one of the designated threaded holes on the gear head. Ensure it is tightened securely.
3. **Mounting the Guard:** Position the guard over the spindle and secure it according to the instructions provided in the separate guard manual. Ensure it is correctly aligned to deflect sparks and debris away from the user.
4. **Installing Abrasive Discs:**
 - Place the inner flange onto the spindle.
 - Place the desired abrasive disc onto the inner flange, ensuring it sits flush.
 - Thread the rapid-clamping nut onto the spindle. This tool-free design allows for quick and easy accessory changes. Tighten it firmly by hand.

INCLUDES A RAPID-CLAMPING NUT FOR THE TOOL-FREE CHANGEOVER OF ABRASIVE IN SECONDS



Image: Close-up of the angle grinder showing the rapid-clamping nut, highlighting its tool-free accessory change capability.

5. **Power Connection:** Connect the power cord to a suitable electrical outlet (120 volts AC).

OPERATING INSTRUCTIONS

The Fein Compact Angle Grinder is designed for efficient grinding, cutting, and deburring.

1. **Powering On/Off:** To start the grinder, slide the switch to the "ON" position. The soft start feature will gradually bring the tool up to speed. To turn off, slide the switch to the "OFF" position.
2. **Variable Speed Control:** Use the speed selection dial to adjust the no-load speed between 3,800 and 9,000 RPM.
 - Lower speeds are suitable for polishing or working with heat-sensitive materials.
 - Higher speeds are ideal for aggressive grinding and cutting tasks.

COMPACT ANGLE GRINDER

**WITH BRUSHLESS
POWERDRIVE MOTOR
FOR EFFECTIVE
GRINDING, CUTTING
AND DEBURRING
WORK**



Image: A graphic highlighting the compact angle grinder with its brushless PowerDrive motor, emphasizing its suitability for grinding, cutting, and deburring.

3. Grinding and Cutting Techniques:

- Apply consistent, moderate pressure. Avoid excessive force, which can overload the tool and reduce disc life.
- Maintain a stable stance and firm grip on the tool. The slim grip and compact design enhance ergonomics for comfortable handling.
- Allow the tool to reach full speed before engaging with the workpiece.



PREMIUM POWER TOOL SYSTEMS
FOR OVER 150 YEARS.



Image: A worker using the Fein angle grinder to cut metal, demonstrating the tool in action.

4. **Brushless PowerDrive Motor:** The brushless motor provides maximum service life and efficient power delivery. Its fully enclosed housing protects internal components from dust, contributing to the tool's longevity.

Official Product Video: Fein Compact Angle Grinder CG 15 BL

Your browser does not support the video tag.

Video: An official product video from Fein showcasing the features and capabilities of the Compact Angle Grinder CG 15 BL, including its brushless motor and robust design.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Fein angle grinder.

- **Cleaning:** Regularly clean the tool's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure ventilation openings are clear of debris.
- **Dust Protection:** The fully enclosed motor housing and separate electronics are designed to protect against ceramic and mineral dust, significantly reducing wear and extending the tool's lifespan. Despite this, it is good practice to periodically clear any accumulated dust from the tool's exterior.
- **Cord Inspection:** Periodically inspect the power cord for any signs of damage, cuts, or fraying. Replace damaged cords immediately to prevent electrical hazards.
- **Accessory Inspection:** Before each use, inspect abrasive discs and other accessories for cracks, chips, or excessive wear. Replace damaged or worn accessories promptly.
- **Storage:** Store the angle grinder in a clean, dry place, away from direct sunlight and extreme temperatures.



REDUCES DOWNTIME AND MAINTENANCE

Image: A graphic indicating that the Fein angle grinder's design helps reduce downtime and maintenance requirements.

TROUBLESHOOTING

This section addresses common issues you might encounter with your angle grinder.

Problem	Possible Cause	Solution
Tool does not start.	No power supply; Power switch off; Restart protection activated.	Check power connection; Ensure switch is ON; Disconnect from power, wait a few seconds, then reconnect.
Reduced performance or stalling.	Overload protection activated; Worn or incorrect abrasive disc; Excessive pressure.	Reduce load; Replace disc; Use appropriate pressure for the task.

Problem	Possible Cause	Solution
Excessive vibration.	Improperly mounted disc; Damaged disc; Loose handle.	Re-mount disc correctly; Replace damaged disc; Tighten handle.
Unusual noise during operation.	Internal component issue; Debris inside tool.	Discontinue use and contact authorized service center. Do not attempt to open the tool.

For issues not listed here or if solutions do not resolve the problem, please contact Fein customer support or an authorized service center.

SPECIFICATIONS

Feature	Detail
Brand	Fein
Model Number	72226760120
Style	CG 15-125 BL
Power Source	Electric-powered
Voltage	120 Volts (AC)
Wattage	1050 watts
Maximum Rotational Speed	9000 RPM
No-Load Speed Range	3,800 to 9,000 RPM (Variable Speed)
Item Weight	7.58 pounds
Product Dimensions	21 x 13 x 5 inches
Material	Plastic, Metal
Included Components	1 guard, 1 tool-free quick-action clamping nut, 1 anti-vibration handle, 1 wrench

WARRANTY AND SUPPORT

Fein stands behind the quality of its products. For specific warranty details, including coverage period and terms, please refer to the warranty card included with your product or visit the official Fein website.

For technical assistance, spare parts, or service inquiries, please contact Fein customer support. You can typically find contact information on the Fein website or in your product documentation. When contacting support, please have your model number (CG 15-125 BL or 72226760120) and purchase date available.

Online Resources: For additional information, product registration, and frequently asked questions, visit the official Fein website: www.fein.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

you@example.com

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