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Bosch PWS 720-115

Bosch Easy PWS 720-115 Angle Grinder Instruction Manual

Model: PWS 720-115

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient use of your Bosch Easy PWS 720-115 Angle Grinder. This powerful tool is designed for cutting and grinding metal and stone, as well as for sanding, brushing, and polishing tasks. Please read all safety warnings and instructions carefully before operating the tool.

SAFETY INSTRUCTIONS

General Power Tool Safety Warnings: Always wear eye protection, hearing protection, and suitable gloves. 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. Keep children and bystanders away while operating a power tool.

- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Avoid body contact with earthed or grounded surfaces.
- **Personal Safety:** Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication.
- **Power 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.
- **Specific Angle Grinder Safety:** Always ensure the guard is correctly fitted and adjusted. Use only discs rated for the speed of the grinder. Never use a damaged or incorrect disc.

PRODUCT OVERVIEW

The Bosch Easy PWS 720-115 Angle Grinder is engineered for powerful, safe, and precise operation. Its ergonomic design, featuring a soft-grip pad, ensures comfortable and secure handling even during extended use. The lightweight construction contributes to effortless work. The auxiliary handle can be attached to either the left or right side, accommodating both right-handed and left-handed users.

- **Powerful Performance:** Equipped with a 720W motor for efficient cutting and grinding.
- **Spindle Lock:** Facilitates quick and easy accessory changes.
- **Ergonomic Design:** Streamlined body with soft-grip zones for enhanced comfort and control.



Image: The Bosch Easy PWS 720-115 Angle Grinder, showcasing its compact design, main body, auxiliary handle, and protective disc guard.

SETUP

Attaching the Auxiliary Handle

The auxiliary handle can be screwed into either the left or right side of the gear head, depending on your preference and the task at hand. Ensure it is tightened securely before operation.

Changing Grinding Discs

1. Ensure the tool is unplugged from the power source.
2. Press and hold the spindle lock button.
3. Using the provided wrench (or SDS quick-clamping nut if equipped), loosen and remove the clamping nut.
4. Remove the old grinding disc.
5. Place the new grinding disc onto the flange, ensuring it is correctly seated.
6. Replace the clamping nut and tighten it securely while holding the spindle lock button. For SDS quick-clamping nuts, simply hand-tighten firmly.
7. Release the spindle lock button.

Note: The SDS quick-clamping nut allows for tool-free disc changes, significantly speeding up the process.

OPERATING INSTRUCTIONS

Switching On/Off

- To switch on, slide the ON/OFF switch forward. For continuous operation, press the front part of the switch down until it locks.
- To switch off, release the ON/OFF switch. For continuous operation, press the rear part of the switch down.

Working with the Angle Grinder

- Always hold the angle grinder firmly with both hands.

- Apply light pressure; let the tool do the work. Excessive pressure can reduce disc life and motor efficiency.
- For cutting, guide the tool evenly and with moderate pressure. Avoid tilting the disc.
- For grinding, hold the tool at an angle of approximately 15-30 degrees to the workpiece.
- Ensure proper ventilation in the work area, especially when working with materials that produce dust.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Bosch Easy PWS 720-115 Angle Grinder.

- **Cleaning:** Keep the ventilation slots clean to prevent motor overheating. Use a soft brush or compressed air to remove dust and debris. Do not use water or chemical cleaners.
- **Disc Inspection:** Regularly inspect grinding and cutting discs for damage, cracks, or excessive wear. Replace damaged discs immediately.
- **Power Cord:** Check the power cord for any damage. If damaged, have it replaced by a qualified electrician or Bosch service center.
- **Carbon Brushes:** While not externally accessible on this model, if the tool experiences a significant loss of power or intermittent operation, it may indicate worn carbon brushes. This should be serviced by an authorized Bosch service center.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not start	No power supply; Faulty switch; Worn carbon brushes.	Check power connection; Ensure switch is fully engaged; Contact service center.
Loss of power during operation	Overload; Worn carbon brushes; Damaged power cord.	Reduce load; Contact service center; Inspect/replace power cord.
Excessive vibration	Damaged or improperly mounted disc; Loose components.	Replace disc; Ensure disc and guard are securely fastened.
Overheating	Blocked ventilation slots; Continuous heavy load.	Clean ventilation slots; Allow tool to cool down; Reduce load.

SPECIFICATIONS

Parameter	Value
Brand	Bosch
Model Number	0603164000
Nominal Input Power	720 W
Grinding Disc Diameter	115 mm
No-load Speed	11,000 rpm (1/min)
Machine Weight	1.9 kg
Voltage	230 Volt

Parameter	Value
Power Source	AC
Product Dimensions	34 x 28 x 13 cm
Material	Metal

WARRANTY AND SUPPORT

For warranty information, service, or technical support, please refer to the official Bosch website or contact your local Bosch service center. Keep your purchase receipt as proof of purchase for warranty claims.

[Visit Bosch Power Tools](#) for more information and support.

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