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## Hyper Tough AQ15003G

# Hyper Tough 6.0Amp Angle Grinder Instruction Manual

Model: AQ15003G

## INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Hyper Tough 6.0Amp Angle Grinder. Please read this manual thoroughly before using the tool to ensure proper handling and to prevent injury or damage.

## IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when using electrical tools to reduce the risk of fire, electric shock, and personal injury.

- **Work Area Safety:** 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.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not expose power tools to rain or wet conditions.
- **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. Always wear eye protection and hearing protection.
- **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.

## PRODUCT COMPONENTS

Familiarize yourself with the parts of your Hyper Tough Angle Grinder.



An overview image of the Hyper Tough 6.0Amp Angle Grinder, showing its red and black body, silver head, and black side handle. This image illustrates the main components of the tool.

- **Motor Housing:** The main body of the grinder, containing the motor.
- **Grinding Wheel/Disc:** The abrasive disc used for cutting or grinding. (Not included, sold separately)
- **Spindle Lock Button:** Used to lock the spindle for easy disc changes.
- **Side Handle:** Provides additional grip and control during operation.
- **Wheel Guard:** Protects the user from sparks and debris.
- **Power Switch:** Activates and deactivates the tool.
- **Power Cord:** Connects the tool to an electrical outlet.

## SETUP

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### Attaching the Side Handle

The side handle can be screwed into either side of the grinder head for left or right-handed operation. Ensure it is securely tightened before use.

### Installing/Changing Grinding Discs

1. Ensure the grinder is unplugged from the power source.
2. Press and hold the spindle lock button.
3. Using the spanner wrench (if provided), loosen and remove the outer flange nut by turning it counter-clockwise.
4. Place the desired grinding or cutting disc onto the spindle, ensuring it sits flush against the inner flange.
5. Replace the outer flange nut and tighten it securely by hand, then with the spanner wrench, while holding the spindle lock button.
6. Verify the disc is properly seated and secure before plugging in the tool.

### Adjusting the Wheel Guard

The wheel guard can be rotated to provide optimal protection for your specific application. Loosen the guard clamp screw, adjust the guard to the desired position, and then securely tighten the screw.

## OPERATING INSTRUCTIONS

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### Powering On/Off

- To turn on, slide the power switch forward.

- To turn off, slide the power switch backward.
- Always ensure the tool is off before plugging or unplugging.

## Grinding Techniques

- Hold the grinder firmly with both hands.
- Allow the disc to reach full speed before contacting the workpiece.
- Apply light, even pressure. Do not force the tool.
- Maintain a consistent angle for best results and to prevent kickback.
- Always direct sparks away from yourself and others.

## MAINTENANCE

### Cleaning

Regularly clean the ventilation openings of the grinder to prevent overheating. Use a soft brush or compressed air to remove dust and debris. Do not use water or chemical cleaners.

### Storage

Store the grinder in a dry, secure location out of reach of children. Protect it from direct sunlight and extreme temperatures.

### Carbon Brushes

Periodically inspect the carbon brushes for wear. Replace them when they are worn down to approximately 1/4 inch (6mm) or if the motor performance decreases. Refer to a qualified service technician for brush replacement if you are unsure.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Grinder does not start.	No power supply; Faulty power cord/plug; Worn carbon brushes.	Check power outlet and connections; Inspect cord for damage; Replace carbon brushes.
Excessive sparking from motor.	Worn carbon brushes; Dirty commutator.	Replace carbon brushes; Clean commutator (professional service recommended).
Tool overheats.	Blocked ventilation openings; Overloading the tool.	Clean ventilation openings; Reduce pressure during operation.

If problems persist, contact Hyper Tough customer support or a qualified service center.

## SPECIFICATIONS

Attribute	Value
Brand	Hyper Tough
Model Number	AQ15003G
Power Source	Corded Electric
Voltage	120 Volts

Attribute	Value
Item Weight	4.88 pounds
Material	Metal
Color	Black, Grey
Package Dimensions	12.28 x 5.24 x 4.72 inches

## WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the warranty card included with your product or visit the official Hyper Tough website. Keep your purchase receipt as proof of purchase for warranty claims.

**Online Support:** [Hyper Tough Official Website](#) (Note: Hyper Tough is a Walmart brand, so direct support might be through Walmart's channels or general tool support.)