



**7¼" CIRCULAR SAW**

**MODEL G9906**

**INSTRUCTION MANUAL**



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1821 VALENCIA ST., BELLINGHAM, WA 98227

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PRINTED IN CHINA



# **WARNING!**

**Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemical are:**

- **Lead from lead-based paints.**
- **Crystalline silica from bricks, cement and other masonry products.**
- **Arsenic and chromium from chemically-treated lumber.**

**Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: Work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.**

# SAFETY

## WARNING

### For Your Own Safety Read Instruction Manual Before Operating This Equipment

The purpose of safety symbols is to attract your attention to possible hazardous conditions. This manual uses a series of symbols and signal words which are intended to convey the level of importance of the safety messages. The progression of symbols is described below. Remember that safety messages by themselves do not eliminate danger and are not a substitute for proper accident prevention measures.



Indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury.



Indicates a potentially hazardous situation which, if not avoided, COULD result in death or serious injury.



Indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate injury. It may also be used to alert against unsafe practices.



This symbol is used to alert the user to useful information about proper operation of the equipment.

## WARNING

### Safety Instructions For Power Tools

1. **KEEP ALL SAFETY DEVICES IN PLACE** and in working order.
2. **REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning on.
3. **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite accidents.
4. **DON'T USE IN DANGEROUS ENVIRONMENT.** Don't use power tools in damp or wet locations, or where any flammable or noxious fumes may exist. Keep work area well lighted.
5. **KEEP CHILDREN AND VISITORS AWAY.** All children and visitors should be kept a safe distance from work area.
6. **MAKE WORK SHOP CHILD PROOF** with padlocks, master switches, or by removing starter keys.
7. **DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was designed.
8. **USE RIGHT TOOL.** Don't force tool or attachment to do a job for which it was not designed.

# WARNING

## Safety Instructions For Power Tools

- 9. USE PROPER EXTENSION CORD** for the tool. Make sure your extension cord is in good condition. Conductor size should be in accordance with the chart below. The amperage rating should be listed on the motor or tool nameplate. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. Your extension cord must also contain a ground wire and plug pin. Always repair or replace extension cords if they become damaged.

Minimum Gauge for Extension Cords

AMP RATING	LENGTH		
	25ft	50ft	100ft
0-6	18	16	16
7-10	18	16	14
11-12	16	16	14
13-16	14	12	12
17-20	12	12	10
21-30	10	10	No

- 10. WEAR PROPER APPAREL.** Do not wear loose clothing, gloves, neckties, rings, bracelets, or other jewelry which may get caught in moving parts. Non-slip footwear is recommended. Wear protective hair covering to contain long hair.
- 11. ALWAYS USE SAFETY GLASSES.** Also use face or dust mask if cutting operation is dusty. Everyday eyeglasses only have impact resistant lenses, they are NOT safety glasses.
- 12. SECURE WORK.** Use clamps or a vise to hold work when practical. It's safer than using your hand and frees both hands to operate tool.
- 13. DON'T OVERREACH.** Keep proper footing and balance at all times.

- 14. MAINTAIN TOOLS WITH CARE.** Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.
- 15. DISCONNECT TOOLS** before servicing and changing accessories, such as blades, bits, cutters, and the like.
- 16. REDUCE THE RISK OF UNINTENTIONAL STARTING.** Make sure switch is in off position before plugging in.
- 17. USE RECOMMENDED ACCESSORIES.** Consult the owner's manual for recommended accessories. The use of improper accessories may cause risk of injury.
- 18. CHECK DAMAGED PARTS.** Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.

## CAUTION

No list of safety guidelines can be complete. Every shop environment is different. Always consider safety first, as it applies to your individual working conditions. Use this and other machinery with caution and respect. Failure to do so could result in serious personal injury, damage to equipment or poor work results.

# INTRODUCTION

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## Commentary

We are proud to offer the Grizzly Model G9906 Circular Saw. The Model G9906 is part of a growing Grizzly family of fine power tools. When used according to the guidelines set forth in this manual, you can expect years of trouble-free, enjoyable operation and proof of Grizzly's commitment to customer satisfaction.

The Model G9906 is a 7¼" electric circular saw that is capable of a wide variety of operations. An 18-tooth carbide tipped blade driven by a 1 HP motor at 4600 RPM makes the toughest cutting job a simple task. Blade depth can be easily adjusted using the graduated scale, and the blade can be tilted for bevel cuts up to 45°. The saw can be equipped with various blades used to cut through wood, plastic and concrete. A number of blades for the Model G9906 saw are available through the Grizzly catalog.

We are pleased to provide this manual with the Model G9906. It was written to encourage safety considerations and guide you through general operating procedures and maintenance. It represents our effort to produce the best documentation possible.

The specifications, details, and photographs in this manual represent the Model G9906 as supplied when the manual was prepared. However, owing to Grizzly's policy of continuous improvement, changes may be made at any time with no obligation on the part of Grizzly. If you have any comments regarding this manual, please write to us at the address below:

Grizzly Industrial, Inc.  
c/o Technical Documentation  
P.O. Box 2069  
Bellingham, WA 98227-2069

Most importantly, we stand behind our tools. If you have any service questions or parts requests, please call or write us at the location listed below.

Grizzly Industrial, Inc.  
2406 Reach Road  
Williamsport, PA 17701  
Phone: (570) 546-9663  
Fax: (800) 438-5901  
E-Mail: [techsupport@grizzly.com](mailto:techsupport@grizzly.com)  
Web Site: <http://www.grizzly.com>

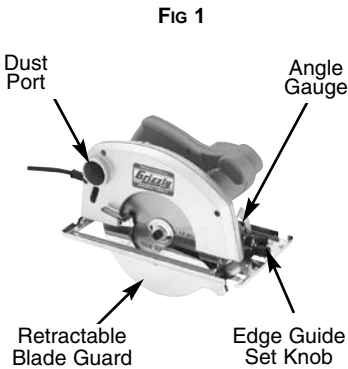
## CAUTION

**To operate this, or any power tool, safely and efficiently, it is essential to become as familiar with its characteristics as possible. The time you invest before you begin to use your Model G9906 will be time well spent. DO NOT operate this machine until you are completely familiar with the contents of this manual. Make sure you read and understand all of the safety procedures. If you do not understand something, DO NOT operate the machine.**

# OPERATIONS

## Before You Start

Please take the time to familiarize yourself with the controls of your new saw. Below are listed the names of controls and features found on the saw. Please refer to **Fig. 1**



## Cutting Depth and Adjustment

1. Loosen the silver knob to the left and below the hand grip.
2. Pull or push the saw base to expose more or less saw blade.
3. To check the depth of cut, compare the blade depth to the workpiece thickness and adjust saw base until approximately  $\frac{1}{4}$ " of the blade is exposed past the thickness of the workpiece.
4. Tighten the lock knob.

## Setting the Edge Guide

1. Loosen the edge guide set knob located on the top leading edge of the saw base.
2. Insert the edge guide in the slot just below the retaining screw.
3. Slide the edge guide until it is inserted through a slot provided on the left hand side of the saw base.
4. Determine the width of cut needed for your project and slide the edge guide using the scale provided.
5. Tighten the edge guide set knob. Always double check the distance between the tip of the blade to the inside edge of the edge guide. Blade thicknesses can vary, causing the scale on the edge guide to read inaccurately.

### **!WARNING**

Adjust saw base so that approximately  $\frac{1}{4}$ " of the blade is exposed past the thickness of the workpiece to help avoid potential kick-back.

### **!WARNING**

The Model G9906 was specifically designed for cutting wood, plastic and concrete. Do not modify and/or use this machine for any other purpose. Modifications or improper use of this tool will void the warranty. If you are confused about any aspect of this machine, DO NOT use it until you have answered all your questions. Serious personal injury may occur.

# OPERATIONS, CONT'D

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## Guide Notches

The saw is provided with two guide notches for either 45° or 90° cuts. These are located on the leading edge of the saw base. The notches are used for following a line through a cut. *It should be noted* that these are provided for one blade thickness. Blades without carbide teeth or with carbide teeth that are thinner or thicker may render the guide notches inaccurate.

## Setting the Blade Angle

1. Loosen the black angle locking knobs located at the leading and trailing edge of the saw base.
2. Rotate the saw base until the index pointer is at the desired angle and tighten knobs.
3. For best results always check the blade angle with a protractor or angle guide before making a cut. Make a test cut into scrap lumber and check the angle of the cut. Readjust as necessary.

### **WARNING**

**Avoid kickback hazards! If saw motor stalls during cut release the trigger immediately. Determine the cause of the problem and rectify before continuing cut.**

## Operating the Saw

1. Ensure the blade is secure.
2. Grasp the hand grip with one hand. Use the hand you would use most often: if you are right handed use the right.
3. Grasp the stabilizing hand grip with the other hand.
4. Place the leading edge of the saw on the edge of the board to be cut. Align the guide notch to a reference line or the edge guide to the end of the board.
5. Ensure the blade will not contact the board during start up by pulling saw away from the edge of the board.
6. Pull the trigger to activate the saw.
7. Slowly feed saw through the cut.
8. Let go of the trigger when finished with the cut.

### **WARNING**

**Like all power tools, there is danger associated with the Model G9906. Accidents are frequently caused by lack of familiarity or failure to pay attention. Use this tool with respect and caution to lessen the possibility of operator injury. If normal safety precautions are overlooked or ignored, serious personal injury may occur.**

# OPERATIONS, CONT'D

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## Changing Blades

### **MAKE SURE SAW IS UNPLUGGED!**

1. Rotate the blade guard clockwise to reveal the blade.
2. While holding the blade guard open, place the saw onto a secure surface engaging the blade teeth onto the surface.
3. While maintaining downward pressure on the saw, remove the retaining screw and washer from the center of the blade.
4. Note the orientation of the teeth. They are pointed toward the leading edge base of the saw. Be careful to avoid touching the saw teeth and slip the blade out of the saw.
5. Ensuring the teeth on the new blade are in the correct orientation, slide the blade into the slot on the bottom edge of the closed blade guard.
6. Carefully center the blade over the arbor and replace the washer and retaining screw.
7. Tighten the retaining screw in the same manner as it was removed.



## **CAUTION**

**Saw blades are sharp. Use care when handling. Blades may cut or nick fingers or hands causing lacerations, disfigurement or disability.**



# OPERATING TIPS AND MAINTNENACE

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## Guidelines and Tips

**Avoid overloading the saw.** Always use sharp saw blades. Do not apply excessive pressure to the saw while using. If the speed drops abnormally, decrease pressure immediately. If the blade stops abruptly or becomes jammed, release the trigger at once.

**Ensure the safety of the workplace.**

Clear the work area of all parts and debris that may cause injury by flying objects. Securely fix the object to be sawn in a vise or otherwise clamp to avoid injury. Do not attempt to hold workpiece by hand.

**Inspect the saw before use.** Run the saw before using to ensure all parts are running smoothly and there are no abnormal sounds or sparks. If any defect is found, have unit serviced.

**Match your feed rate to the material.**

Use a lower rate of feeding the saw through the material when cutting hard materials. In softer material such as drywall or soft woods, you can feed the saw faster.

**Know your worksite.** Only saw as deep as necessary. Check behind walls for wires, other electrical hazards, or plumbing.

## Maintenance

Keep the saw free from dirt and grease.

### **WARNING**

Disassembly and improper reassembly of this device can result in electrical shock danger. Always have this device serviced by an qualified electrical repair technician. Serious injury will result.

### **WARNING**

Operating this equipment has the potential to propel debris into the air which can cause eye injury. Always wear safety glasses or goggles when operating equipment. Be certain the safety glasses you wear meet the appropriate standards of the American National Standards Institute (ANSI).

### **CAUTION**

Before starting saw, insure the wrench has been removed from the arbor. If not removed, the wrench could be propelled into the air and may cause serious personal injury.

# NOTES

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# NOTES

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# WARRANTY AND RETURNS

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Grizzly Industrial, Inc. warrants every product it sells for a period of **1 year** to the original purchaser from the date of purchase. This warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence, accidents, repairs or alterations or lack of maintenance. This is Grizzly's sole written warranty and any and all warranties that may be implied by law, including any merchantability or fitness, for any particular purpose, are hereby limited to the duration of this written warranty. We do not warrant or represent that the merchandise complies with the provisions of any law or acts unless the manufacturer so warrants. In no event shall Grizzly's liability under this warranty exceed the purchase price paid for the product and any legal actions brought against Grizzly shall be tried in the State of Washington, County of Whatcom.

We shall in no event be liable for death, injuries to persons or property or for incidental, contingent, special, or consequential damages arising from the use of our products.

To take advantage of this warranty, contact us by mail or phone and give us all the details. We will then issue you a "Return Number", which must be clearly posted on the outside as well as the inside of the carton. We will not accept any item back without this number. Proof of purchase must accompany the merchandise.

The manufacturers reserve the right to change specifications at any time because they constantly strive to achieve better quality equipment. We make every effort to ensure that our products meet high quality and durability standards and we hope you never need to use this warranty.

Please feel free to write or call us if you have any questions about the machine or the manual.

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Web Site: <http://www.grizzly.com>

Thank you again for your business and continued support. We hope to serve you again soon.

# WARRANTY CARD

Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone Number \_\_\_\_\_ E-Mail \_\_\_\_\_ FAX \_\_\_\_\_

Model # **G9906 Circular Saw** Order # \_\_\_\_\_

**The following information is given on a voluntary basis. It will be used for marketing purposes to help us develop better products and services. Of course, all information is strictly confidential.**

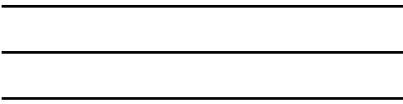
- How did you learn about us?  
 Advertisement  Friend  
 Catalog  Card Deck  
 World Wide Web  
 Other \_\_\_\_\_
- What is your annual household income?  
 \$20,000-\$29,999  \$60,000-\$69,999  
 \$30,000-\$39,999  \$70,000-\$79,999  
 \$40,000-\$49,999  \$80,000-\$89,999  
 \$50,000-\$59,999  \$90,000 +
- What is your age group?  
 20-29  50-59  
 30-39  60-69  
 40-49  70 +
- How long have you been a woodworker?  
 0 - 2 Years  8 - 20 Years  
 2 - 8 Years  20+ Years
- How would you rank your woodworking skills?  
 Simple  Advanced  
 Intermediate  Master Craftsman
- What stationary woodworking tools do you own?  
Check all that apply.  
 Air Compressor  Panel Saw  
 Band Saw  Planer  
 Drill Press  Power Feeder  
 Drum Sander  Radial Arm Saw  
 Dust Collector  Shaper  
 Spindle Sander  Jointer  
 Table Saw  Lathe  
 Mortiser  Wide Belt Sander  
 Horiz.Boring Machine  
 Vacuum Veneer Press  
 Other \_\_\_\_\_
- How many of your woodworking machines are Grizzly? \_\_\_\_\_
- Which benchtop tools do you own? Check all that apply.  
 1"x42" Belt Sander  6" - 8" Grinder  
 5" - 8" Drill Press  Mini Lathe  
 8" Table Saw  8" - 10" Bandsaw  
 Scroll Saw  Disc/Belt Sander  
 Spindle/Belt Sander  Mini Jointer  
 10"-12" Thickness Planer  
 Other \_\_\_\_\_
- How many of the machines checked above are Grizzly? \_\_\_\_\_
- Which portable/hand held power tools do you own?  
Check all that apply.  
 Belt Sander  Orbital Sander  
 Biscuit Joiner  Palm Sander  
 Circular Saw  Portable Planer  
 Detail Sander  Saber Saw  
 Drill/Driver  Reciprocating Saw  
 Miter Saw  Router  
 Other \_\_\_\_\_
- What machines/supplies would you like Grizzly Industrial to carry?  
 12" Table Saw  Radial Arm Saw  
 12" Jointer  Panel Saw  
 Brass Hardware  Lumber  
 Paint & Finishing Supplies  
 Contractor's Supplies  
 Combination Planer/Jointer  
 Other \_\_\_\_\_
- What new accessories would you like Grizzly Industrial to carry?  
 Builders Hardware  Hand Tools  
 Fasteners  
 Wood Components  
 Other \_\_\_\_\_
- What other companies do you purchase your tools and supplies from?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Do you think your purchase represents good value?  
 Yes  No
- Would you recommend Grizzly to a friend?  
 Yes  No
- Would you allow us to use your name as a reference for Grizzly customers in your area? **Note: We never use names more than three times.**  
 Yes  No
- Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Send a Grizzly Catalog to a friend:

Name_____
Street_____
City_____State_____Zip_____

FOLD ALONG DOTTED LINE

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**GRIZZLY INDUSTRIAL, INC.**  
**P.O. BOX 2069**  
**BELLINGHAM, WA 98227-2069**

TAPE ALONG EDGES--PLEASE DO NOT STAPLE