

Grizzly *Industrial, Inc.*®

3 FUNCTION HAMMER DRILL **MODEL G9908** **INSTRUCTION MANUAL**



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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.

NOTICE

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

WARNING

Safety Instructions For Power Tools

- KEEP ALL SAFETY DEVICES IN PLACE** and in working order.
- REMOVE ADJUSTING KEYS AND WRENCHES.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning on.
- KEEP WORK AREA CLEAN.** Cluttered areas and benches invite accidents.
- 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.
- KEEP CHILDREN AND VISITORS AWAY.** All children and visitors should be kept a safe distance from work area.
- MAKE WORK SHOP CHILD PROOF** with padlocks, master switches, or by removing starter keys.
- DON'T FORCE TOOL.** It will do the job better and safer at the rate for which it was designed.
- 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

Commentary

We are proud to offer the Grizzly Model G9908 3 Function Hammer Drill. The Model G9908 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.

At eleven pounds, the Model G9908 3 Function Hammer Drill is a rugged yet versatile tool. Its ½ HP motor delivers 500 RPM drilling speed and 2750 BPM hammer action. The drill mode easily bores through most types wood and light steel, and the hammer drill mode is perfect for augering through concrete, brick, cinderblock or mortar. Set to the power chisel mode, the G9908 acts like a small jackhammer.

We are pleased to provide this manual with the Model G9908. 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 G9908 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.
%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.

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2406 Reach Road
Williamsport, PA 17701
Phone: (570) 546-9663
Fax: (800) 438-5901
E-Mail: 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 G9908 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.

GETTING STARTED

Contents

Your Model G9908 3 Function Hammer

Drill should come with:

1. Rugged plastic carrying case
2. Slip-on dust guard
3. Auxiliary handle
4. Hammer chisel and spike
5. 22mm drill bit
6. 16mm drill bit
7. 10mm drill bit
8. Depth gauge rod
9. Container of lubrication

Specifications

Model number: G9908
Drilling speed: 500 RPM
Hammer rate: 2750 BPM
Voltage: 110/120
Frequency: 60Hz
Power: ½ H.P.
Weight: 11 lbs
Max drilling capacity:
 7/8" concrete
 ½" steel
 1 ½" wood

Control Location

Refer to Figure 1 for the location of the key components and controls of the machine. These controls are called out later in the manual for their specific use when operating. Make sure you are familiar with the controls before using the Hammer Drill.

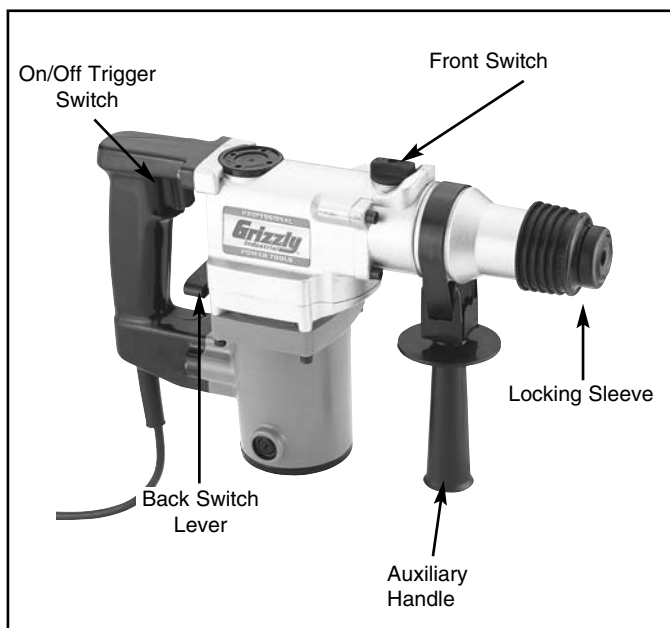


Fig 1. Location of controls.

OPERATION INSTRUCTIONS

Inserting And Changing Bits

Clean and lightly oil the selected bit before inserting. Pull back the locking sleeve and slide bit into hammer drill. Twist bit with slight inward pressure until it moves further into the hammer drill. Release locking sleeve and make sure that bit is secured in place and will not come out by hand. For removal, pull back locking sleeve and slide bit straight out of hammer drill.

Operation

1. The hammer drill can be started and stopped by simply pressing and releasing the trigger switch.

2. For safety reasons, you should always use the auxiliary handle during use. If the hammer drill locks up, the auxiliary handle will help you maintain control and decrease your chances of injury. To adjust the auxiliary handle, twist it counterclockwise until it is loose enough to position where you need it, then twist clockwise to tighten.

3. Setting the depth gauge rod can be done by loosening the auxiliary handle and inserting the rod into the hole on the auxiliary handle near the body of the hammer drill. Tighten handle when your desired length is achieved.

4. The dust protection cap can be fitted on the bottom end of the bits before you insert them into the hammer drill. This will help prevent to a large extent the entry of drilling dust. The hollow side of the dust-cap should face body of the hammer drill.

5. It is important that you don't apply too much pressure to the hammer drill during operation. Excessive force puts unnecessary stress on the motor and increases likelihood of getting hurt. If speed drops suddenly during use, decrease pressure immediately.

G9908 3 Function Hammer Drill

Mode Selector Switch

You can achieve the three functions of the hammer drill by selecting the various combinations of front and back switches. Refer to **Figure 2** for more details.

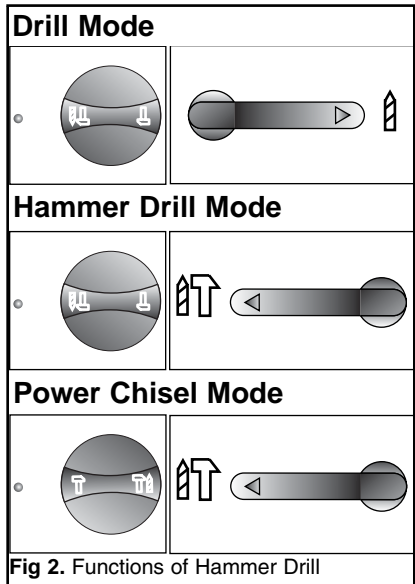


Fig 2. Functions of Hammer Drill

Maintenance

It is important that you always keep the device and ventilation slots clean. Aside from lubricating bits before insertion, all other repairs or maintenance to the internal parts of the tool should be done by a qualified service technician.

WARNING

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

WARRANTY AND RETURNS

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.

Grizzly Industrial, Inc.
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Williamsport, PA 17701
Phone: (570) 546-9663
Fax: (800) 438-5901

E-Mail:
techsupport@grizzlyindustrial.com

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 # G9908 3 Function Hammer Drill 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.

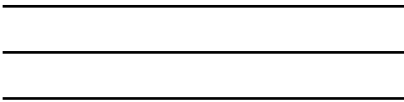
1. How did you learn about us?
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2. What is your annual household income?
 \$20,000-\$29,999 \$60,000-\$69,999
 \$30,000-\$39,999 \$70,000-\$79,999
 \$40,000-\$49,999 \$80,000-\$89,999
 \$50,000-\$59,999 \$90,000 +
3. What is your age group?
 20-29 50-59
 30-39 60-69
 40-49 70 +
4. How long have you been a woodworker?
 0 - 2 Years 8 - 20 Years
 2 - 8 Years 20+ Years
5. How would you rank your woodworking skills?
 Simple Advanced
 Intermediate Master Craftsman
6. 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 _____
7. How many of your woodworking machines are Grizzly? _____
8. 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 _____
9. How many of the machines checked above are Grizzly? _____
10. 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 _____
11. 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 _____
12. What new accessories would you like Grizzly Industrial to carry?
 Builders Hardware Hand Tools
 Fasteners
 Wood Components
 Other _____
13. What other companies do you purchase your tools and supplies from?

14. Do you think your purchase represents good value?
 Yes No
15. Would you recommend Grizzly to a friend?
 Yes No
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 Yes No
17. Comments: _____

Send a Grizzly Catalog to a friend:

Name_____
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City_____State_____Zip_____

FOLD ALONG DOTTED LINE



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