MODEL G8994Z
VARIABLE SPEED JIG SAW
OWNER'S MANUAL

(FOR MODELS MANUFACTURED SINCE 6/01) #BL11675 PRINTED IN CHINA

⚠ WARNING!

This manual provides critical safety instructions on the proper setup, operation, maintenance and service of this machine/equipment.

Failure to read, understand and follow the instructions given in this manual may result in serious personal injury, including amputation, electrocution or death.

The owner of this machine/equipment is solely responsible for its safe use. This responsibility includes but is not limited to proper installation in a safe environment, personnel training and usage authorization, proper inspection and maintenance, manual availability and comprehension, application of safety devices, blade/cutter integrity, and the usage of personal protective equipment.

The manufacturer will not be held liable for injury or property damage from negligence, improper training, machine modifications or misuse.

⚠ 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 chemicals 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.

SECTION 1: 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.

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

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

⚠CAUTION — **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 Machinery

1. **READ THROUGH THE ENTIRE MANUAL BEFORE STARTING MACHINERY.** Machinery presents serious injury hazards to untrained users.
2. **ALWAYS USE ANSI APPROVED SAFETY GLASSES WHEN OPERATING MACHINERY.** Everyday eyeglasses only have impact resistant lenses, they are NOT safety glasses.
3. **ALWAYS WEAR A NIOSH APPROVED RESPIRATOR WHEN OPERATING MACHINERY THAT PRODUCES DUST.** Wood dust is a carcinogen and can cause cancer and severe respiratory illnesses.
4. **ALWAYS USE HEARING PROTECTION WHEN OPERATING MACHINERY.** Machinery noise can cause permanent hearing damage.
5. **WEAR PROPER APPAREL.** DO NOT wear loose clothing, gloves, neckties, rings, or jewelry which may get caught in moving parts. Wear protective hair covering to contain long hair and wear non-slip footwear.
6. **NEVER OPERATE MACHINERY WHEN TIRED, OR UNDER THE INFLUENCE OF DRUGS OR ALCOHOL.** Be mentally alert at all times when running machinery.

7. **ONLY ALLOW TRAINED AND PROPERLY SUPERVISED PERSONNEL TO OPERATE MACHINERY.** Make sure operation instructions are safe and clearly understood.

8. **KEEP CHILDREN AND VISITORS AWAY.** Keep all children and visitors a safe distance from the work area.

9. **MAKE WORKSHOP CHILD PROOF.** Use padlocks, master switches, and remove switch keys.

10. **NEVER LEAVE WHEN MACHINE IS RUNNING.** Turn power ***OFF*** and allow all moving parts to come to a complete stop before leaving machine unattended.

11. **DO NOT USE IN DANGEROUS ENVIRONMENTS.** DO NOT use machinery in damp, wet locations, or where any flammable or noxious fumes may exist.

12. **KEEP WORK AREA CLEAN AND WELL LIT.** Clutter and dark shadows may cause accidents.

13. **USE A GROUNDED EXTENSION CORD RATED FOR THE MACHINE AMPERAGE.** Undersized cords overheat and lose power. Replace extension cords if they become damaged. DO NOT use extension cords for 220V machinery.

14. **ALWAYS DISCONNECT FROM POWER SOURCE BEFORE SERVICING MACHINERY**. Make sure switch is in OFF position before reconnecting.

15. **MAINTAIN MACHINERY WITH CARE.** Keep blades sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.

16. **MAKE SURE GUARDS ARE IN PLACE AND WORK CORRECTLY BEFORE USING MACHINERY.**

17. **REMOVE ADJUSTING KEYS AND WRENCHES.** Make a habit of checking for keys and adjusting wrenches before turning machinery ***ON***.

18. **CHECK FOR DAMAGED PARTS BEFORE USING MACHINERY.** Check for binding and alignment of parts, broken parts, part mounting, loose bolts, and any other conditions that may affect machine operation. Repair or replace damaged parts.

19. **USE RECOMMENDED ACCESSORIES.** Refer to the instruction manual for recommended accessories. The use of improper accessories may cause risk of injury.

20. **DO NOT FORCE MACHINERY.** Work at the speed for which the machine or accessory was designed.

21. **SECURE WORKPIECE.** Use clamps or a vise to hold the workpiece when practical. A secured workpiece protects your hands and frees both hands to operate the machine.

22. **DO NOT OVERREACH.** Keep proper footing and balance at all times.

23. **MANY MACHINES WILL EJECT THE WORKPIECE TOWARD THE OPERATOR.** Know and avoid conditions that cause the workpiece to "kickback."

24. **ALWAYS LOCK MOBILE BASES (IF USED) BEFORE OPERATING MACHINERY**.

25. **BE AWARE THAT CERTAIN WOODS MAY CAUSE AN ALLERGIC REACTION** in people and animals, especially when exposed to fine dust. Make sure you know what type of wood dust you will be exposed to and always wear an approved respirator.

⚠WARNING

Additional Safety Instructions for Jig Saws

1. **READ THIS MANUAL:** This manual contains proper operating instructions for this machine.

2. **SAFE WORK ENVIRONMENT:** Clear the work area of all parts and debris that may cause injury by flying objects.

3. **SECURING WORKPIECE:** Securely fix the workpiece in a vise or otherwise clamp to avoid injury. Do not attempt to hold the workpiece by hand.

4. **OVERLOADING JIG SAW.** Do not apply excessive pressure to the tool while in use. If the speed drops abnormally, decrease pressure immediately.

5. **TOOL INSPECTION:** Run the tool free of the workpiece before using to ensure all parts are running smooth and there are no abnormal sounds or sparks. If any defect is found, have the unit serviced.

6. **REMOVING BLADES:** Wear gloves to protect your hands when removing the blade to avoid injury.

7. **CHECKING WORKSITE:** Make sure the workpiece is not supporting another structure or that there are no obstructions. Before cutting into walls, check for wires, other electrical hazards, or plumbing which may be hidden in the wall space.

8. **SECURING BLADE:** Make sure the blade locking screw is secured before operating the jig saw so the blade does not loosen or fly out, which could cause serious injury.

9. **KEEP BLADES SHARP:** Do not use dull or damaged blades. They may break or cause the workpiece to be expelled toward the operator at high speed, causing serious injury. Replace dull blades immediately.

10. **TRIGGER LOCK:** Make sure the trigger lock is in the OFF position before shutting the jig saw ***OFF***, or before turning it ***ON***.

⚠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.

SECTION 2: INTRODUCTION

Foreword

We are proud to offer the Grizzly Model G8994Z Variable Speed Jig Saw. This model 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.

It is our pleasure to provide this manual with the Model G8994Z. It was written to encourage safety considerations and guide you through general operating procedures and maintenance.

The specifications, details, and photographs in this manual represent the Model G8994Z 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.

Machine Data

Speed	Variable from 0-3100 S.P.M.
Motor Type	Universal Brush Motor
Motor Power 110V	5 Amp
Blade Orbit	4 Settings
Stroke Length	1"
Stroke Settings	Variable from 1 to 6
Blade	T-Shank Mounting 3"–5"
Blade Guide	Grooved Roller Bearing
Dust Blower	3 Settings
Footplate	Adjustable from +45˚ to -45˚
Weight	5.5 lbs

Contact Info

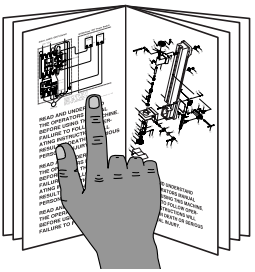
We stand behind our tools. If you have any service questions or parts requests, please call or write us at the location listed below.

Grizzly Industrial, Inc.
1203 Lycoming Mall Circle
Muncy, PA 17756
Phone: (570) 546-9663
Fax: (800) 438-5901
E-Mail: techsupport@grizzly.com
Web Site: http://www.grizzly.com

If you have any comments regarding this manual, please contact us:

Grizzly Industrial, Inc.
C/O Technical Documentation Manager
P.O. Box 2069
Bellingham, WA 98227-2069
Email: manuals@grizzly.com

⚠WARNING



Read the manual before operation. Become familiar with this jig saw, its safety instructions, and its operation before beginning any work. Serious personal injury may result if safety or operational information is not understood or followed.

SECTION 3: SET UP

Unpacking

Your new item was carefully packaged for safe shipping. If you discover any damage after you have signed for delivery, *immediately call Customer Service at (570) 546-9663 for advice.*

Save the containers and all packing materials for possible inspection by the carrier or its agent. *Otherwise, filing a freight claim can be difficult.*

When you are completely satisfied with the condition of the shipment, you should inventory the contents.

Inventory

Model G8994Z Inventory (Figure 1)

A. Jigsaw 1
B. Anti-Tear Insert 1
C. Screwdriver 1
D. Set of 7 TPI Blades 5
E. Set of 5 Blades:
  a. 9 TPI 1
  b. 11 TPI 2
  c. 18 TPI 2
F. Hex Wrench 5mm 1

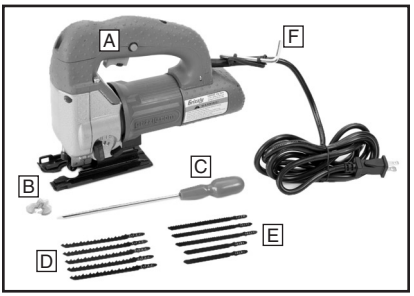


Figure 1. Model G8994Z inventory

Controls

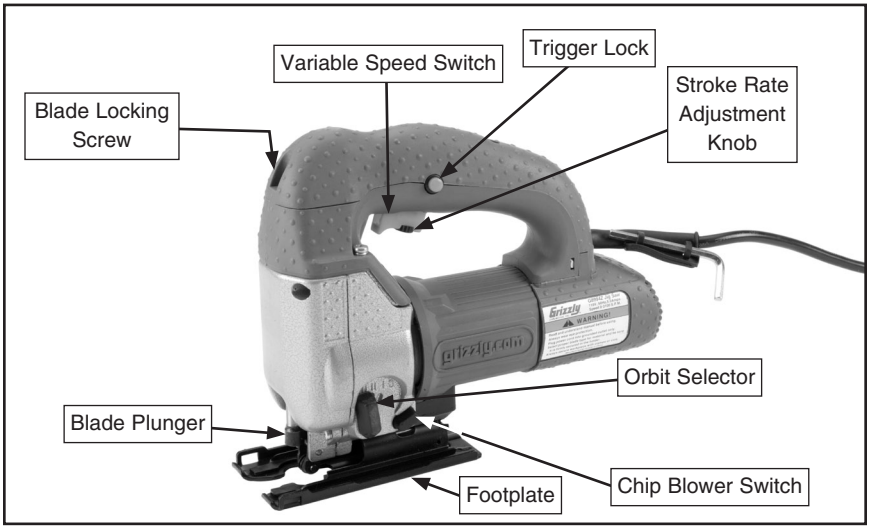


Figure 2. G8994Z Controls.

Blade Locking Screw: Secures the blade in the jig saw.

Blade Plunger: Holds the blade.

Footplate: Provides a stable, flat surface for the jig saw to contact the workpiece. Can be set at 90° or any angle between 45° and -45° side-to-side.

Chip Blower Switch: Adjusts the amount of air flowing out of the front of the jig saw for blowing chips out of way.

Stroke Rate Adjustment: Controls the blade stroke rate, which can be set between low (–) and high (+).

Trigger Lock: Locks the trigger in the ON position so you can operate the jig saw without holding the trigger down. Can be turned OFF by pressing the trigger.

Variable Speed Switch: Adjusts the blade speed. The more pressure you apply on the switch, the faster the blade speed.

SECTION 4: OPERATIONS

Blade Selection

Always select the correct saw blade for the material being cut. The resulting cut will be cleaner and more accurate, and there will be less stress on the machine. This jig saw can be used to cut wood, metal or plastics depending upon the type of blade selected. The blades used must be of the T-shank style, as shown in **Figure 3**. Your jig saw comes with an assortment of T-shank blades, as listed in the **Inventory**. Refer to **Accessories** on **Page 12** for additional T-shank style blades available through Grizzly.

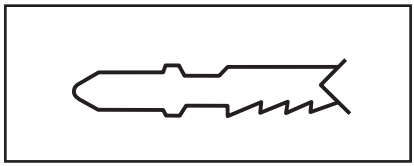


Figure 3. T-shank style blade.

A few points to remember in making your blade selection:

- The overall blade length will affect the thickness of material that can be cut. Most jig saw blades range in length from 3" to 5".
- The width of the blade (measured from the tip of one of the teeth to the back edge) affects how tight of a curve can be cut. A 3⁄16" wide blade will cut a tighter circle than a 3⁄8" wide blade.
- The number of teeth per inch (TPI) affects the smoothness and speed of the cut. A general purpose wood cutting blade will usually have 6-10 TPI; a metal cutting blade will have 12-20 TPI. Another factor is the tooth style and how the teeth are set (the amount the tooth is bent away from the plane of the blade). Most blade manufacturers provide guidelines on their packaging for the types of materials and speeds to use for a particular blade style. Review their guidelines carefully before choosing a blade for a particular project.

Blade Installation

⚠WARNING

Turn the switch *OFF* and unplug the jig saw from power before attempting blade installation or any adjustments. Serious injury may occur if you accidentally start the jig saw while installing the blade

To install a blade:

1. Insert the screwdriver included with the Model G8994Z into the hole at the top front of the saw (see **Figure 4**), then loosen the screw 10–12 turns.

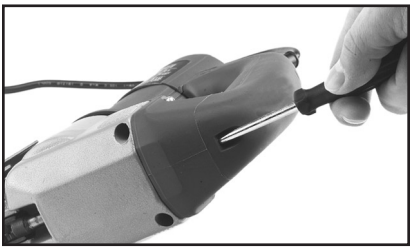


Figure 4. Loosening blade locking screw.

2. Place the orbit selector switch in position III.

3. Take the blade and turn it so the teeth are facing the side of the footplate, then insert the T-Shank end into the plunger, as shown in **Figure 5**.

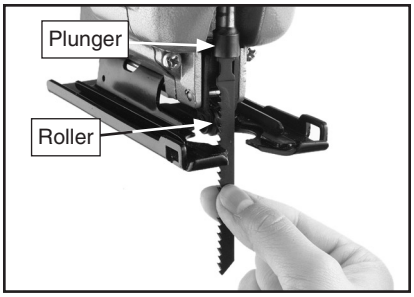


Figure 5. Inserting blade into plunger.

4. Twist the blade so the teeth are now pointing forward (see **Figure 6**), then pull it down slightly, to ensure it will not come out. Make sure the blade is positioned in the groove of the roller that backs up the blade.

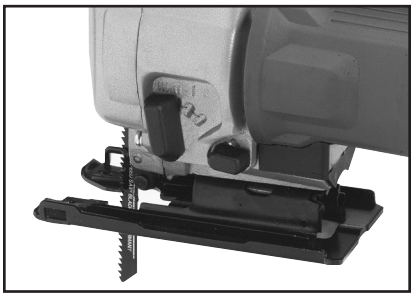


Figure 6. Blade teeth facing forward.

5. Insert the screwdriver into the hole at the top front of the saw, then tighten the screw while making sure the blade stays in the roller groove.

6. To remove the blade, reverse the process described above.

Tip: *To reduce tearout on the top of the workpiece being cut, place the anti-tearout insert included with the jig saw into the blade opening of the footplate.*

Basic Cutting

To cut a workpiece with the jig saw:

1. Make sure the workpiece is secured to a flat, stable surface.

2. Mark the location of the desired cut.

3. Place the footplate on the the workpiece, press the trigger to turn the jig saw ***ON,*** then feed the blade into the workpiece using steady pressure. **Note:** *Do not force the blade into the workpiece. When cutting metal, use cutting fluid to prolong the life of the blade.*

4. Release pressure on the trigger to turn it ***OFF***.

Orbital Action

The orbit selector switch is used to select one of the four positions that determine the orbital action of the blade. **Figure 7** shows the recommended material for each setting and the resulting orbital action.

Each position is listed with recommended material types for cutting.

- **Position 0**: Hard materials such as metals with strong cutting resistance, and where a clean cut is desired. The blade strokes up and down in this position, eliminating all forward oscillation.
- **Position I**: Soft materials.
- **Position II**: Moderate density materials such as hard woods or plywood.
- **Position III**: Soft materials such as plastics and softwoods.

Note: *Changes in the orbital movement can be made with the motor turned **ON**.*

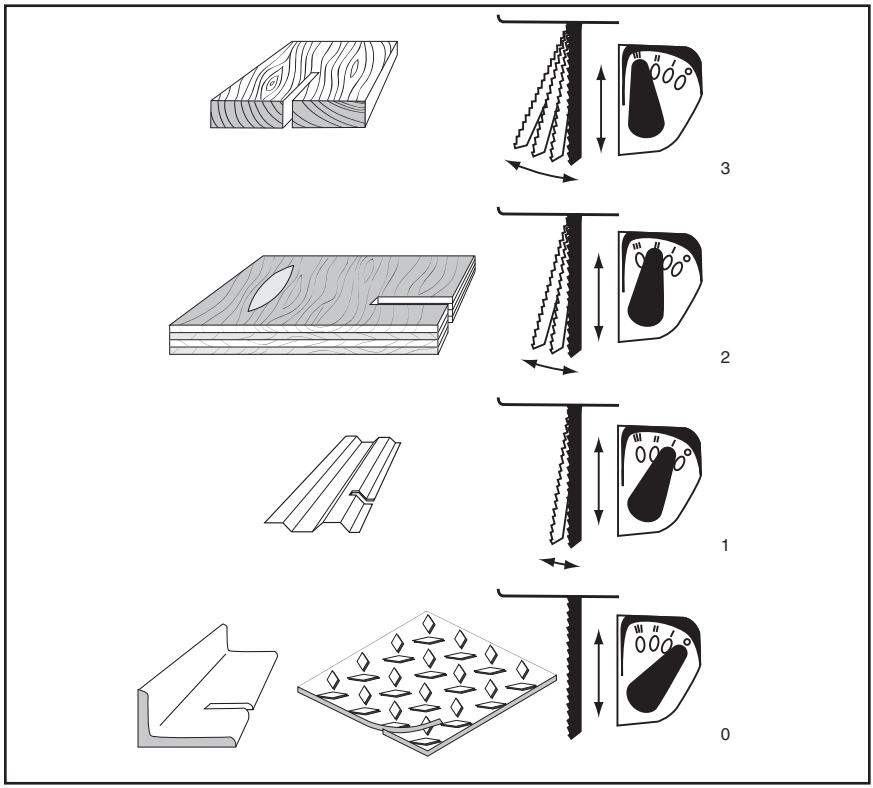


Figure 7. Orbital movement positions and typical materials for each.

Controlling Blade Speed

Blade speed or stroke rate is controlled by the variable speed switch (see **Figure 8**) under the handle. Speed increases as the trigger is pulled.

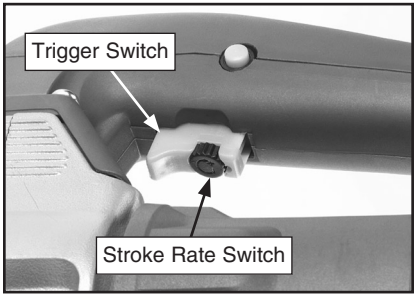


Figure 8. Blade speed control switch.

A recessed circular stroke rate switch in the trigger also controls the maximum stroke rate.The switch is marked with ranges from + to – to where – is the lowest stroke rate and + is the highest. The adjustment is infinitely variable between settings.

The proper speed depends upon the type of material and the blade. Experiment with a scrap piece of material when first making a cut to see how the cutting action and smoothness is. Adjust blade speed and the rate of feeding the blade into the work until the action is smooth and the motor does not slow down excessively.

Setting Chip Blower

The toggle switch next to the orbital movement selector controls the chip blowing device (see **Figure 9**).

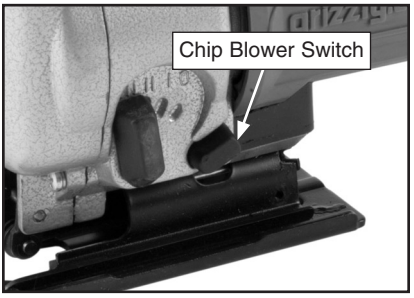


Figure 9. Chip blower switch.

The amount of air is at its highest when set as shown in **Figure 9**. This is suitable for cutting in wood when it is desirable to blow the sawdust out of the way to see the cut line.

Two additional settings progressively reduce the amount of air delivered. The lowest setting may be used for cutting in metal where cutting oil is being used and it is not desirable to have air move the oil away from the cutting surface.

Footplate Adjustment

The footplate can be adjusted for cutting at 90˚ to the surface as well as any angle from 45º to -45º side-to-side. To be certain the footplate is cutting at precisely 90˚, use a small machinist's square to check to make sure the blade is square to the footplate, as shown in **Figure 10**.

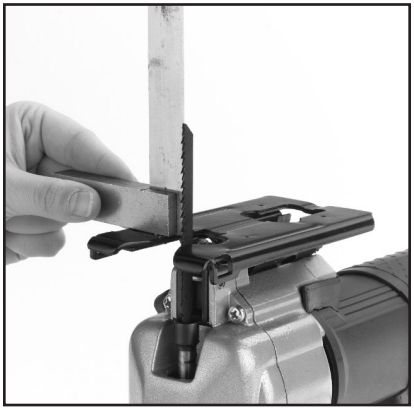


Figure 10. Checking blade squareness.

To adjust the footplate to another angle:

1. Use the included hex wrench to loosen the cap screw that secures the footplate.

2. Slide the plate forward slightly to disengage it, then tilt it to the desired angle.

3. Align the notch in the plate with the raised angle indicator at either 45º or -45º, slide the plate back, then tighten the cap screw to lock the plate.

   — If an angle between 90˚ and 45˚ is desired, set the angle and leave the plate in the forward position, then tighten the cap screw, as shown in **Figure 11**.

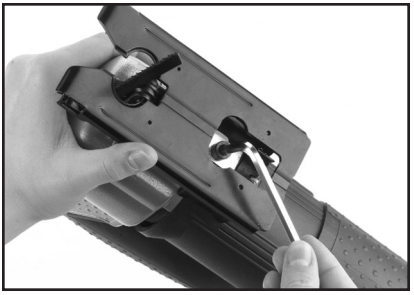


Figure 11. Setting footplate for angle cuts.

The footplate can also be set for flush cutting, which can be used when you need to cut right up to a wall or other vertical surface.

To adjust the footplate for flush cutting:

1. Remove the cap screw holding the footplate with the hex wrench.

2. Slide the plate backward so the mounting hole lines up with the rearmost mounting hole.

3. Reinstall and tighten the cap screw . The front edge of the footplate will be slightly behind the leading edge of the blade, as shown in **Figure 12**.

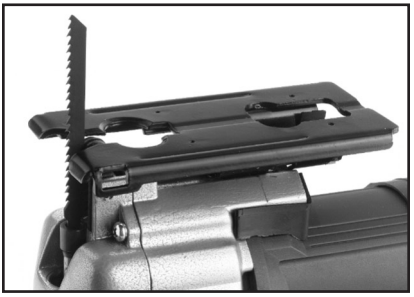


Figure 12. Footplate positioned for flush cutting.

SECTION 5: ACCESSORIES

Irwin Jig Saw Blades
Choose the right jig saw blade for the job at hand and for your particular jig saw with the following selection of T-Shank mount type blades.

Model	Size	TPI	Description
T20769	3"	20	Carbon Grit
T20770	3"	20	Bi-Metal
T20771	3"	20	Bi-Metal
T20772	3"	36	Bi-Metal
T20773	4"	6	Fleam Ground
T20774	4"	10	Carbon Milled
T20775	4"	10	Fleam Ground
T20777	4"	10	Fleam Ground

T20501—Face Shield Crown Protector 4"
T20502—Face Shield Crown Protector 7"
T20503—Face Shield Window
T20448—Economy Clear Safety Glasses
T20452—"Kirova" Anti-Reflective Glasses
T20456—"Dakura" Clear Safety Glasses
H0736—Shop Fox® Safety Glasses
These glasses meet ANSI Z87.1-2003 specifications. Buy extras for visitors or employees. You can't be too careful with shop safety!

Figure 13. Our most popular eye protection.

T20514—Small Half-Mask Respirator
T20515—Medium Half-Mask Respirator
T20516—Large Half-Mask Respirator
T20511—Pre-Filter P100
T20539—Cartridge Filter 2PK P100
T20541—Cartridge Filter 2PK P100 & O Vapor
Wood and other types of dust can cause severe respiratory damage. If you work around dust everyday, a half-mask respirator can greatly reduce your risk. Compatible with safety glasses!

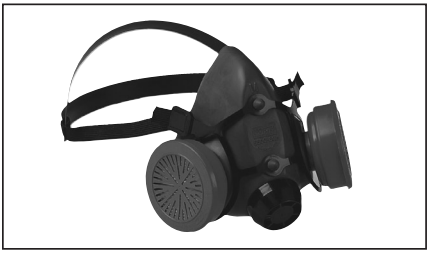
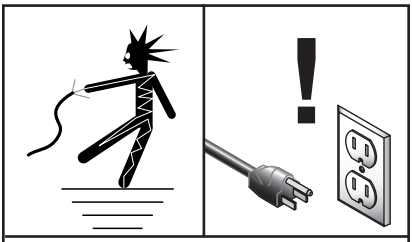


Figure 14. Half-mask respirator with disposable cartridge filters.

SECTION 6: MAINTENANCE



WARNING

Always DISCONNECT POWER before adjusting, or doing maintenance to reduce the risk of accidental injury or electrocution.

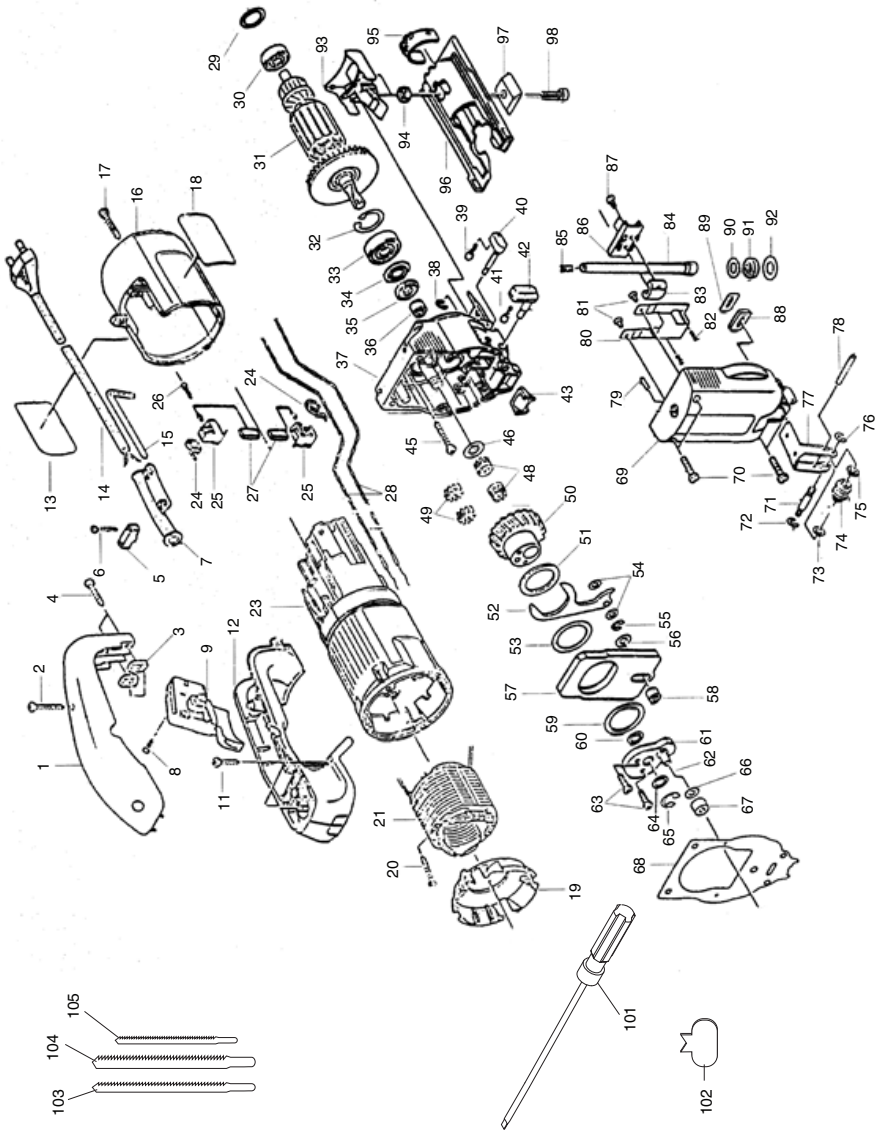
General

Your jig saw will give you hundreds of hours of operation time before ever needing service.

The electrical components of this saw are not user serviceable. This product is double insulated which provides protection from electrical shock should a problem ever develop with grounding. Great care must be taken whenever servicing double insulated equipment to make certain the repair does not destroy the insulated properties. Service should be performed only by a qualified electrical technician.

Keep the saw free from dirt and grease. Always store it in a dry place.

G8994Z Parts Breakdown



G8994Z Parts List

REF	PART #	DESCRIPTION
1	P8994Z001	HANDLE HOUSING
2	P8994Z002	SCREW M4 X 25
3	P8994Z003	NUT M4
4	P8994Z004	SCREW M4 X 20
5	P8994Z005	CORD STRAIN RELIEF
6	P8994Z006	SCREW M4 X 16
7	P8994Z007	CORD COVER
8	P8994Z008	SCREW M3 X 8
9	P8994Z009	SWITCH
11	P8994Z011	SCREW M5 X 16
12	P8994Z012	HANDLE
13	P8994Z013	LABEL
14	P8994Z014	CORD
15	PAW05M	HEX WRENCH 5MM
16	P8994Z016	REAR HOUSING
17	P8994Z017	SCREW M4 X 22
18	P8994Z018	NAME PLATE
19	P8994Z019	STATOR RESTRAINER
20	P8994Z020	SCREW M4 X 25
21	P8994Z021	STATOR
23	P8994Z023	STATOR HOUSING
24	P8994Z024	BRUSH SPRING
25	P8994Z025	BRUSH FRAME
26	P8994Z026	SCREW M3 X 10
27	P8994Z027	BRUSH
28	P8994Z028	BRUSH WIRE
29	P8994Z029	SPRING WASHER 22 X 17
30	P627	BALL BEARING 627ZZ
31	P8994Z031	ROTOR
32	PR11M	EXT RETAINING RING 25MM
33	P609	BALL BEARING 609
34	P8994Z034	FELT RETAINING RING
35	P8994Z035	FELT
36	P8994Z036	SEAL RING
37	P8994Z037	REDUCTION GEARING
38	P8994Z038	D4 RETIAING RING
39	P8994Z039	LOCATING PIN
40	P8994Z040	DUST BLOWING SELECTION LEVER
41	P8994Z041	LOCATING PIN
42	P8994Z042	ORBIT ADJUSTMENT LEVER
43	P8994Z043	BLOWER OUTLET
45	P8994Z045	SCREW M6
46	P8994Z046	D10 WASHER
48	P8994Z048	NEEDLE ROLLER FRAME
49	P8994Z049	NEEDLE ROLLER
50	P8994Z050	GEAR
51	P8994Z051	D27 X 1 WASHER
52	P8994Z052	SHAFT
53	P8994Z053	D27 X 1 WASHER
54	PW02M	FLAT WASHER 5MM

REF	PART #	DESCRIPTION
55	P8994Z055	D4 RETAINING RING
56	PW02M	FLAT WASHER 5MM
57	P8994Z057	BALANCE PLATE
58	P8994Z058	FASTENING BLOCK
59	P8994Z059	D27 X .5 WASHER
60	P8994Z060	D9 WASHER
61	P8994Z061	CAM
62	P8994Z062	CAM DOWEL
63	P8994Z063	SCREW M4 X 12
64	P8994Z064	D9 WASHER
65	PR04M	EXT RETAINING RING 6MM
66	P8994Z066	D6 X .5 WASHER
67	P8994Z067	BALL BEARING
68	P8994Z068	PAPER GASKET
69	P8994Z069	REDUCTION COVER
70	P8994Z070	SCREW M4 X 20
71	P8994Z071	GUIDE PULLEY DOWEL
72	P8994Z072	D4 RETAINING RING
73	PW02M	FLAT WASHER 5MM
74	P8994Z074	GUIDE PULLEY
75	PW02M	FLAT WASHER 5MM
76	P8994Z076	D3.5 RETAINING RING
77	P8994Z077	GUIDE PULLEY BRACKET
78	P8994Z078	PIN
79	P8994Z079	COVER LOCATING PIN
80	P8994Z080	GUIDE BRACKET
81	P8994Z081	SCREW M4 X 12
82	P8994Z082	SPRING 1.0 X 3.0 X 15
83	P8994Z083	GUIDE CLIP
84	P8994Z084	RECIPROCATING SHAFT
85	P8994Z085	BLADE SECURING SCREW
86	P8994Z086	GUIDE RAIL
87	PFH19M	FLAT HD SCR M4-.7 X 10
88	P8994Z088	FELT WASHER
89	P8994Z089	FELT PLATE
90	P8994Z090	FELT WASHER
91	P8994Z091	FELT WASHER
92	P8994Z092	FELT WASHER
93	P8994Z093	POSITIVE LOCK
94	P8994Z094	NUT M18
95	P8994Z095	SCALE
96	P8994Z096	SHOE
97	P8994Z097	SHOE SECURING PLATE
98	P8994Z098	SCREW M6 X 16
101	P8994Z101	BLADE LOCK SCREWDRIVER
102	P8994Z102	CLEAR PLASTIC GUIDE
103	P8994Z103	BLADE 7 TPI
104	P8994Z104	BLADE 11 TPI
105	P8994Z105	BLADE 18 TPI

WARRANTY

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 Authorization 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.
1203 Lycoming Mall Circle
Muncy, PA 17756
Phone: (570) 546-9663
Fax: (800) 438-5901

E-Mail:
techsupport@grizzly.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 #_____ Email _____ Invoice #_____

Model # _____ Order #_____ Serial #_____

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

1. How did you learn about us?

____Advertisement ____Friend ____Catalog
____Card Deck ____Website Other:_____

2. Which of the following magazines do you subscribe to?

____ Cabinet Maker
____ Family Handyman
____ Hand Loader
____ Handy
____ Home Shop Machinist
____ Journal of Light Cont.
____ Live Steam
____ Model Airplane News
____ Modeltec
____ Old House Journal
____ Popular Mechanics
____ Popular Science
____ Popular Woodworking
____ Practical Homeowner
____ Precision Shooter
____ Projects in Metal
____ RC Modeler
____ Rifle
____ Shop Notes
____ Shotgun News
____ Today's Homeowner
____ Wood
____ Wooden Boat
____ Woodshop News
____ Woodsmith
____ Woodwork
____ Woodworker West
____ Woodworker's Journal
____ Other:

3. What is your annual household income?

____$20,000-$29,000 ____$30,000-$39,000 ____$40,000-$49,000
____$50,000-$59,000 ____$60,000-$69,000 ____$70,000+

4. What is your age group?

____20-29 ____30-39 ____40-49
____50-59 ____60-69 ____70+

5. How long have you been a woodworker/metalworker?

____0-2 Years ____2-8 Years ____8-20 Years ____20+ Years

6. How many of your machines or tools are Grizzly?

____0-2 ____3-5 ____6-9 ____10+

7. Do you think your machine represents a good value? ____Yes ____No

8. Would you recommend Grizzly Industrial to a friend? ____Yes ____No

9. Would you allow us to use your name as a reference for our customers in your area?
Note: *We never use names more than 3 times.* ____Yes ____No

10. Comments:_____

_____

_____

_____

Send a Grizzly Catalog to a friend:

Name_____

Street_____

City_____**State**_____**Zip**_____

FOLD ALONG DOTTED LINE

_____

_____

_____

Place Stamp Here

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

TAPE ALONG EDGES--PLEASE DO NOT STAPLE