READ THIS FIRST

Model G0583Z
IMPORTANT UPDATE

For Machines Mfg. Since 9/12
& Owner's Manual Revised 11/11

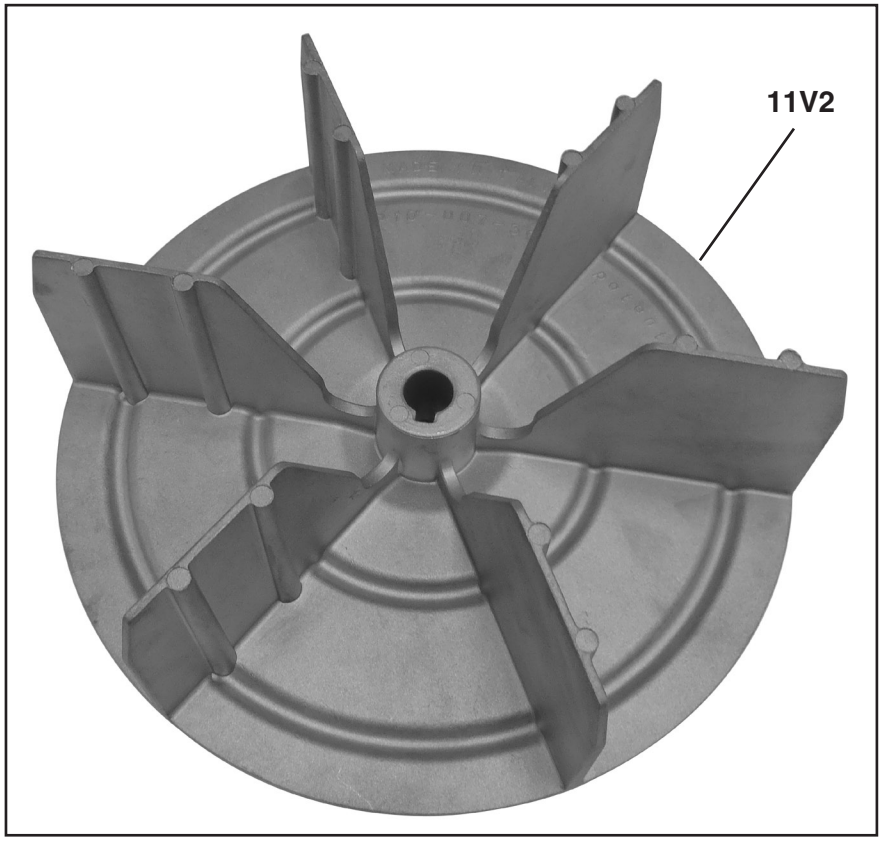
The following change was recently made to this machine since the owner's manual was printed:

- The impeller changed to cast aluminum.

This document provides relevant updates to information in the owner's manual that no longer applies—aside from this information, all other content in the owner's manual applies and MUST be read and understood for your own safety. **IMPORTANT: Keep this update with the owner's manual for future reference.**

For questions or help, contact our Tech Support at (570) 546-9663 or techsupport@grizzly.com.

New Cast Aluminum Impeller



REF	PART #	DESCRIPTION
11V2	P0583Z011V2	IMPELLER 10", CAST ALUMINUM V2.09.12

#TS15354 PRINTED IN TAIWAN

MODEL G0583Z
DUST COLLECTOR
OWNER'S MANUAL
(For models manufactured since 9/11)

C US
247570

#JB11718 PRINTED IN TAIWAN

⚠ WARNING!

This manual provides critical safety instructions on the proper setup, operation, maintenance, and service of this machine/tool. Save this document, refer to it often, and use it to instruct other operators.

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

The owner of this machine/tool 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, cutting/sanding/grinding tool 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.

Table of Contents

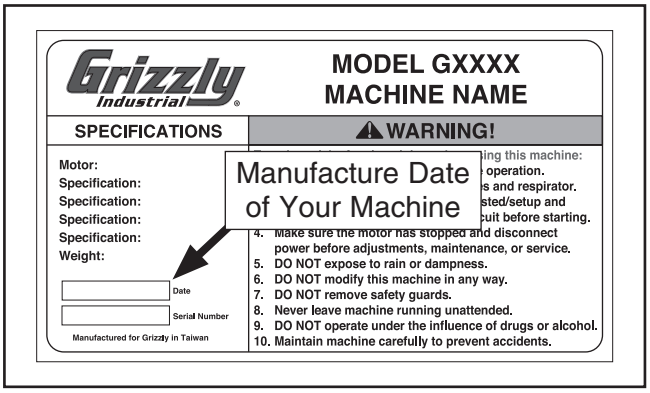
INTRODUCTION

Manual Accuracy

We are proud to offer this manual with your new machine! We've made every effort to be exact with the instructions, specifications, drawings, and photographs of the machine we used when writing this manual. However, sometimes we still make an occasional mistake.

Also, owing to our policy of continuous improvement, **your machine may not exactly match the manual**. If you find this to be the case, and the difference between the manual and machine leaves you in doubt, check our website for the latest manual update or call technical support for help.

Before calling, find the manufacture date of your machine by looking at the date stamped into the machine ID label (see below). This will help us determine if the manual version you received matches the manufacture date of your machine.



For your convenience, we post all available manuals and manual updates for free on our website at **www.grizzly.com**. Any updates to your model of machine will be reflected in these documents as soon as they are complete.

Contact Info

We stand behind our machines. If you have any questions or need help, use the information below to contact us. Before contacting, please get the serial number and manufacture date of your machine. This will help us help you faster.

Grizzly Technical Support
1203 Lycoming Mall Circle
Muncy, PA 17756
Phone: (570) 546-9663
Email: techsupport@grizzly.com

We want your feedback on this manual. What did you like about it? Where could it be improved? Please take a few minutes to give us feedback.

Grizzly Documentation Manager
P.O. Box 2069
Bellingham, WA 98227-2069
Email: manuals@grizzly.com

Machine Description

This machine is designed to capture dust and wood chips from woodworking machines, such as table saws, jointers, and planers. The air drawn in by the dust collector is filtered before it returns to your workspace.

A wide variety of accessories for setting up a stationary or mobile dust collection system are available through Grizzly.

G0583Z Identification

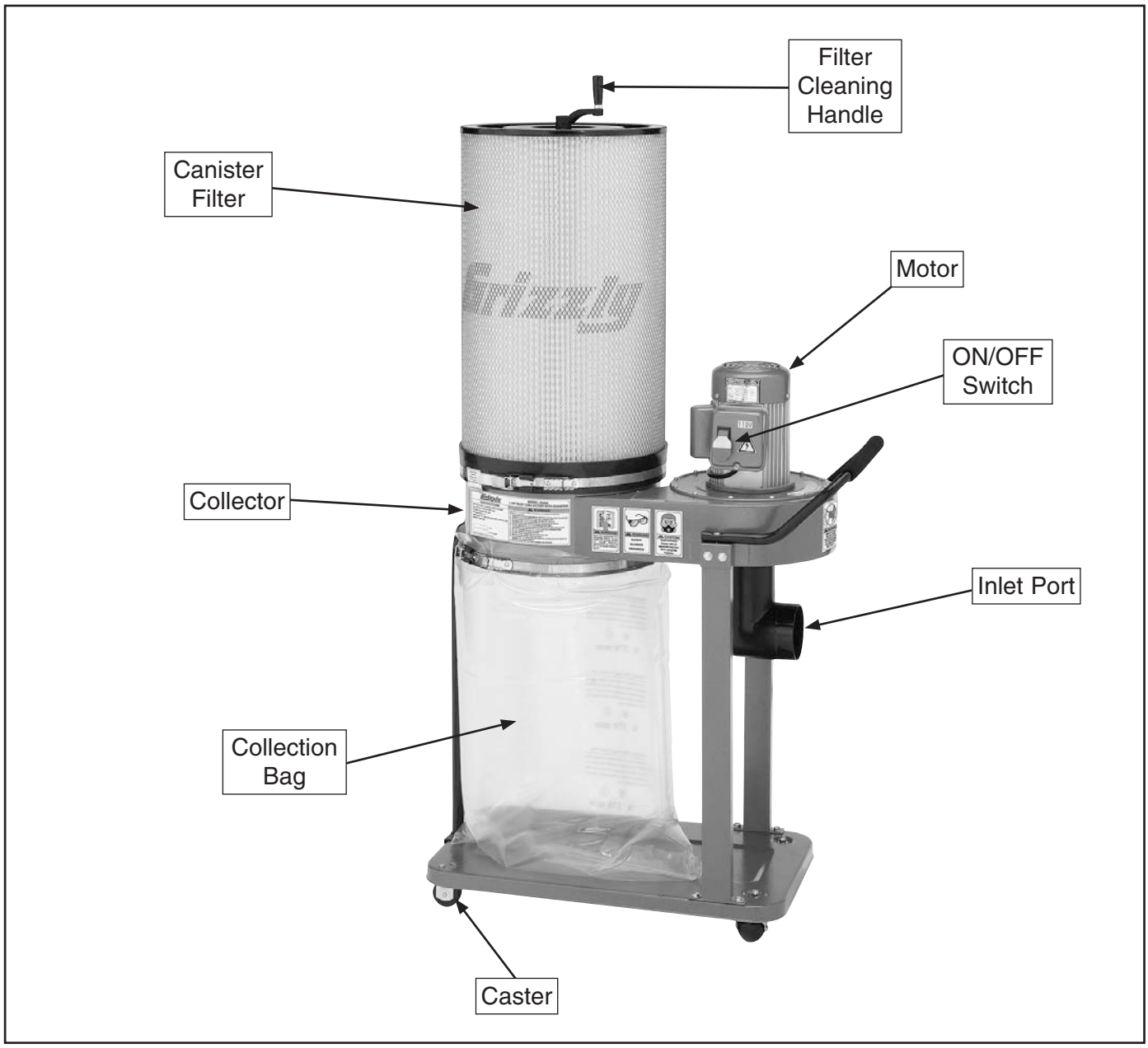
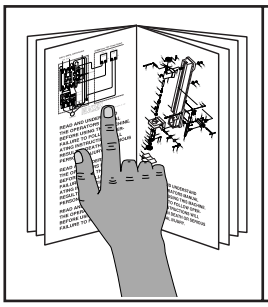


Figure 1. Model G0583Z identification.



⚠WARNING

To reduce the risk of serious injury when using this machine, read and understand this entire manual before beginning any operations.

MACHINE DATA SHEET

Customer Service #: (570) 546-9663 · To Order Call: (800) 523-4777 · Fax #: (800) 438-5901

MODEL G0583Z 1HP CANISTER DUST COLLECTOR

Product Dimensions:

Weight..... 65.80 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 30-3/4 x 15-3/4 x 59 in.
Footprint (Length x Width)..... 26 x 15-1/4 in.

Shipping Dimensions:

Carton #1

Type..... Cardboard
Content..... Machine
Weight..... 58 lbs.
Length x Width x Height..... 29 x 17 x 18 in.

Carton #2

Type..... Cardboard
Content..... Canister
Weight..... 16 lbs.
Length x Width x Height..... 18 x 18 x 28 in.

Electrical:

Power Requirement..... 120/240V, Single-Phase, 60 Hz
Prewired Voltage..... 120V
Full-Load Current Rating..... 9A at 120V, 4.5A at 240V
Minimum Circuit Size..... 15A at 120V, 15A at 240V
Switch..... On/Off Paddle Switch
Switch Voltage..... 120V
Cord Length..... 6 ft.
Cord Gauge..... 14 gauge
Plug Included..... Yes
Included Plug Type..... NEMA 5-15
Recommended Plug/Outlet Type..... NEMA 6-15 for 240V

Motors:

Main

Type..... TEFC (Aluminum Finned)
Horsepower..... 1 HP
Voltage..... 120/240V
Prewired..... 120V
Phase..... Single
Amps..... 9/4.5A
Speed..... 3450 RPM
Cycle..... 60 Hz
Number of Speeds..... 1
Power Transfer ..... Direct Drive
Bearings..... Sealed and Permanently Lubricated

Main Specifications:

Operation

Type	Canister
Air Suction Capacity	800 CFM
Maximum Static Pressure	3.3 in.
Main Inlet Size	4 in.
Manifold Included	Yes
Manifold Inlets	1
Manifold Inlet Size	4 in.
Maximum Material Collection Capacity	2.1 cu. ft.
Canister Filtration	1 micron

Bag Information

Lower Bag Capacity	2.1 cu. ft.
No of Lower Bags	1
Lower Bags Total Area	2.1 cu. ft.
Lower Bag Diameter	14-1/2 in.
Lower Bag Length	22 in.

Canister Information

No of Canister Filters	1
Canister Filter Diameter	14-1/2 in.
Canister Filter Length	23-5/8 in.

Impeller Information

Impeller Type	Radial Fin
Impeller Size	10 in.
Impeller Blade Thickness	1/8 in.

Construction

Lower Bag	Clear Plastic
Canister	Wire Reinforced Pleated Filter Paper
Base	Sheet Metal with Casters
Frame	Steel
Caster	High Density Plastic
Impeller	Balanced Steel, 7 Riveted Fins
Paint	Powder Coated
Blower Housing	Steel
Body	Sheet Metal

Other

Height With Bags Inflated	59 in.

Other Specifications:

CSA Certified	Yes
Country Of Origin	Taiwan
Warranty	1 Year
Assembly Time	45 Minute

Features:

Simply Turn the Handle on the Top a Half Turn in Either Direction for Cleaning the Canister
Handle Controls Three Cleaning Flappers Inside and Shakes the Dust from the Filter
Fine Dust from Filter Falls Directly into the Collection Bag
Clear Plastic Collection Bag with Quick Clamp
Heavy Duty Steel Intake Improves Rigidity
Canister Filters Have 6 Times the Filtering Area of Regular Bags
Includes Steel Base with Casters

SECTION 1: SAFETY

⚠WARNING
For Your Own Safety, Read Instruction Manual Before Operating this Machine

The purpose of safety symbols is to attract your attention to possible hazardous conditions. This manual uses a series of symbols and signal words 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 machine.**

⚠WARNING
Safety Instructions for Machinery

OWNER'S MANUAL. Read and understand this owner's manual BEFORE using machine. Untrained users can be seriously hurt.

EYE PROTECTION. Always wear ANSI-approved safety glasses or a face shield when operating or observing machinery to reduce the risk of eye injury or blindness from flying particles. Everyday eyeglasses are not approved safety glasses.

HAZARDOUS DUST. Dust created while using machinery may cause cancer, birth defects, or long-term respiratory damage. Be aware of dust hazards associated with each workpiece material, and always wear a NIOSH-approved respirator to reduce your risk.

WEARING PROPER APPAREL. Do not wear clothing, apparel, or jewelry that can become entangled in moving parts. Always tie back or cover long hair. Wear non-slip footwear to avoid accidental slips which could cause a loss of workpiece control.

HEARING PROTECTION. Always wear hearing protection when operating or observiing loud machinery. Extended exposure to this noise without hearing protection can cause permanent hearing loss.

MENTAL ALERTNESS. Be mentally alert when running machinery. Never operate under the influence of drugs or alcohol, when tired, or when distracted.

⚠WARNING

DISCONNECTING POWER SUPPLY. Always disconnect machine from power supply before servicing, adjusting, or changing cutting tools (bits, blades, cutters, etc.). Make sure switch is in OFF position before reconnecting to avoid an unexpected or unintentional start.

APPROVED OPERATION. Untrained operators can be seriously hurt by machinery. Only allow trained or properly supervised people to use machine. When machine is not being used, disconnect power, remove switch keys, or lock-out machine to prevent unauthorized use—especially around children. Make workshop kid proof!

DANGEROUS ENVIRONMENTS. Do not use machinery in wet or rainy locations, cluttered areas, around flammables, or in dark areas. Keep work area clean, dry, and well-lighted.

ONLY USE AS INTENDED. Only use machine for its intended purpose. Never modify machine for a purpose not intended by the manufacturer!

USE RECOMMENDED ACCESSORIES. Consult this owner's manual or the manufacturer for recommended accessories. Using improper accessories will increase the risk of serious injury.

CHILDREN & BYSTANDERS. Keep children and bystanders a safe distance away from work area. Stop using machine if children or bystanders become a distraction.

REMOVE ADJUSTING TOOLS. Never leave adjustment tools, chuck keys, wrenches, etc. in or on machine—especially near moving parts. Verify removal before starting!

SECURING WORKPIECE. When required, use clamps or vises to secure workpiece. A secured workpiece protects hands and frees both of them to operate the machine.

FEED DIRECTION. Unless otherwise noted, feed work against the rotation of blades or cutters. Feeding in the same direction of rotation may pull your hand into the cut.

FORCING MACHINERY. Do not force machine. It will do the job safer and better at the rate for which it was designed.

GUARDS & COVERS. Guards and covers can protect you from accidental contact with moving parts or flying debris. Make sure they are properly installed, undamaged, and working correctly before using machine.

NEVER STAND ON MACHINE. Serious injury or accidental contact with cutting tool may occur if machine is tipped. Machine may be damaged.

STABLE MACHINE. Unexpected movement during operations greatly increases risk of injury or loss of control. Before starting, verify machines are stable and mobile base (if used) is locked.

AWKWARD POSITIONS. Keep proper footing and balance at all times when operating machine. Do not overreach! Avoid awkward hand positions that make workpiece control difficult or increase the risk of accidental injury.

UNATTENDED OPERATION. Never leave machine running while unattended. Turn machine ***OFF*** and ensure all moving parts completely stop before walking away.

MAINTAIN WITH CARE. Follow all maintenance instructions and lubrication schedules to keep machine in good working condition. An improperly maintained machine increases risk of injury.

CHECK DAMAGED PARTS. Regularly inspect machine for damaged parts, loose bolts, mis-adjusted or mis-aligned parts, binding, or any other conditions that may affect safe operation. Always repair or replace damaged or mis-adjusted parts before operating machine.

MAINTAIN POWER CORDS. When disconnecting cord-connected machines from power, grab and pull the plug—NOT the cord. Pulling the cord may damage the wires inside. Do not handle cord/plug with wet hands. Avoid cord damage by keeping it away from heated surfaces, high traffic areas, harsh chemicals, and wet/damp locations.

EXPERIENCING DIFFICULTIES. If at any time you are experiencing difficulties performing the intended operation, stop using the machine! Contact our Technical Support Department at (570) 546-9663.

Additional Safety for Dust Collectors

⚠WARNING

INTENDED USE. This dust collector is only intended for collecting wood dust and chips from woodworking machines. DO NOT use this dust collector to collect metal, dirt, pebbles, drywall, asbestos, lead paint, silica, liquids, aerosols, or any flammable, combustible, or hazardous materials.

HAZARDOUS DUST. Dust created while using machinery may cause cancer, birth defects, or long-term respiratory damage. Be aware of dust hazards associated with each workpiece material, and always wear a NIOSH-approved respirator to reduce your risk.

DUST ALLERGIES. Dust from certain woods may cause an allergic reaction in people and animals. Make sure you know what type of wood dust you will be exposed to in case there is a possibility of an allergic reaction.

WEAR RESPIRATOR. Fine dust that is too small to be caught in the filter will be blown into the ambient air during operation. Always wear a NIOSH approved respirator during operation and for a short time after to reduce your risk of permanent respiratory damage.

EMPTYING DUST. When emptying dust from the collection container, wear a respirator and safety glasses. Empty dust away from ignition sources and into an approved container.

DISCONNECTING POWER SUPPLY. Turn the switch ***OFF***, disconnect the dust collector from the power supply, and allow the impeller to come to a complete stop before leaving the machine unattended or doing any service, cleaning, maintenance, or adjustments.

REGULAR CLEANING. Regularly check/empty the collection bags or drum to avoid the buildup of fine dust that can increase the risk of fire. Make sure to regularly clean the surrounding area where the machine is operated—excessive dust buildup on overhead lights, heaters, electrical panels, or other heat sources will increase the risk of fire.

SUSPENDED DUST PARTICLES AND IGNITION SOURCES. DO NOT operate the dust collector in areas were explosion risks are high. Areas of high risk include, but are not limited to, areas near pilot lights, open flames, or other ignition sources.

FIRE SUPPRESSION. Only operate the dust collector in locations that contain a fire suppression system or have a fire extinguisher nearby.

IMPELLER HAZARDS. DO NOT place your hands or tools near the open inlet during operation for any reason. The powerful suction could easily cause accidental contact with the impeller which will cause serious personal injury or damage to the machine. Always keep small animals and children away from open dust collection inlets.

AVOIDING SPARKS. DO NOT allow steel or rocks to strike the impeller—this may produce sparks. Sparks can smolder in wood dust for a long time before a fire is detected. If you accidentally cut into wood containing tramp metal (nails, staples, spikes, etc.), immediately turn ***OFF*** the dust collector, disconnect it from power, and wait for the impeller to stop—then empty the collection container into an approved airtight metal container.

OPERATING LOCATION. To reduce respiratory exposure to fine dust, locate permanently installed dust collectors away from the working area, or in another room that is equipped with a smoke detector. DO NOT operate the dust collector in rainy or wet locations—exposure to water may create an shock hazard or decrease the life of the machine.

STATIC ELECTRICITY. Plastic dust lines generate high amounts of static electricity as dust chips pass through them. Although rare, sparks caused by static electricity can cause explosions or fire. To reduce this risk, make sure all dust lines are thoroughly grounded by using a grounding wire.

SECTION 2: POWER SUPPLY

Availability

Before installing the machine, consider the availability and proximity of the required power supply circuit. If an existing circuit does not meet the requirements for this machine, a new circuit must be installed. To minimize the risk of electrocution, fire, or equipment damage, installation work and electrical wiring must be done by a qualified electrician in accordance with all applicable codes and standards.

⚠WARNING

Electrocution, fire, or equipment damage may occur if machine is not correctly grounded and connected to the power supply.

Full-Load Current Rating

The full-load current rating is the amperage a machine draws at 100% of the rated output power. On machines with multiple motors, this is the amperage drawn by the largest motor or sum of all motors and electrical devices that might operate at one time during normal operations.

Full-Load Current Rating at 120V ..... 9 Amps
Full-Load Current Rating at 240V .... 4.5 Amps

The full-load current is not the maximum amount of amps that the machine will draw. If the machine is overloaded, it will draw additional amps beyond the full-load rating.

If the machine is overloaded for a sufficient length of time, damage, overheating, or fire may result—especially if connected to an undersized circuit. To reduce the risk of these hazards, avoid overloading the machine during operation and make sure it is connected to a power supply circuit that meets the requirements in the following section.

Circuit Information

A power supply circuit includes all electrical equipment between the breaker box or fuse panel in the building and the machine. The power supply circuit used for this machine must be sized to safely handle the full-load current drawn from the machine for an extended period of time. (If this machine is connected to a circuit protected by fuses, use a time delay fuse marked D.)

⚠CAUTION

For your own safety and protection of property, consult a qualified electrician if you are unsure about wiring practices or electrical codes in your area.

Note: *The circuit requirements listed in this manual apply to a dedicated circuit—where only one machine will be running at a time. If this machine will be connected to a shared circuit where multiple machines will be running at the same time, consult a qualified electrician to ensure that the circuit is properly sized for safe operation.*

Circuit Requirements for 120V

This machine is prewired to operate on a 120V power supply circuit that has a verified ground and meets the following requirements:

Nominal Voltage 110V/120V
Cycle ..... 60 Hz
Phase ..... Single-Phase
Power Supply Circuit ..... 15 Amps
Plug/Receptacle ..... NEMA 5-15

Circuit Requirements for 240V

This machine can be converted to operate on a 240V power supply (refer to **Voltage Conversion** instructions) that has a verified ground and meets the following requirements:

Nominal Voltage 220V/240V
Cycle ..... 60 Hz
Phase ..... Single-Phase
Power Supply Circuit ..... 15 Amps
Plug/Receptacle ..... NEMA 6-15

Grounding Requirements

This machine MUST be grounded. In the event of certain malfunctions or breakdowns, grounding reduces the risk of electric shock by providing a path of least resistance for electric current.

For 120V operation: This machine is equipped with a power cord that has an equipment-grounding wire and a grounding plug (see following figure). The plug must only be inserted into a matching receptacle (outlet) that is properly installed and grounded in accordance with all local codes and ordinances.

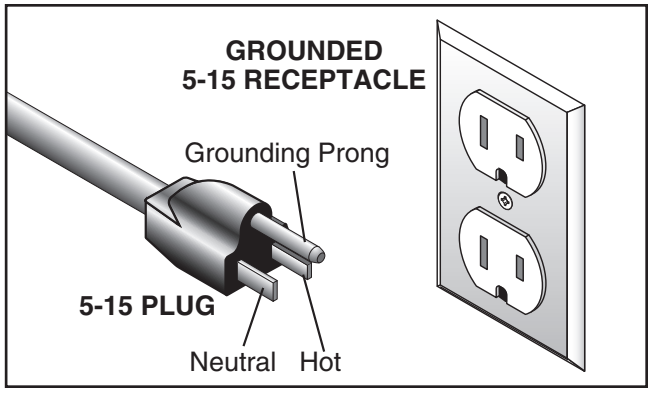
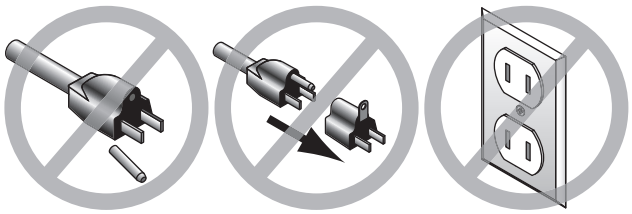


Figure 2. Typical 5-15 plug and receptacle.

⚠CAUTION



SHOCK HAZARD!

Two-prong outlets do not meet the grounding requirements for this machine. Do not modify or use an adapter on the plug provided—if it will not fit the outlet, have a qualified electrician install the proper outlet with a verified ground.

For 240V operation: The plug specified under "Circuit Requirements for 240V" on the previous page has a grounding prong that must be attached to the equipment-grounding wire on the included power cord. The plug must only be inserted into a matching receptacle (see following figure) that is properly installed and grounded in accordance with all local codes and ordinances.

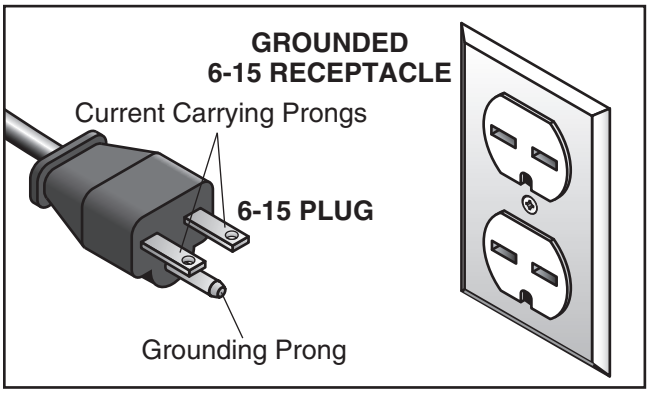


Figure 3. Typical 6-15 plug and receptacle.

Improper connection of the equipment-grounding wire can result in a risk of electric shock. The wire with green insulation (with or without yellow stripes) is the equipment-grounding wire. If repair or replacement of the power cord or plug is necessary, do not connect the equipment-grounding wire to a live (current carrying) terminal.

Check with a qualified electrician or service personnel if you do not understand these grounding requirements, or if you are in doubt about whether the tool is properly grounded. If you ever notice that a cord or plug is damaged or worn, disconnect it from power, and immediately replace it with a new one.

Extension Cords

We do not recommend using an extension cord with this machine. If you must use an extension cord, only use it if absolutely necessary and only on a temporary basis.

Extension cords cause voltage drop, which may damage electrical components and shorten motor life. Voltage drop increases as the extension cord size gets longer and the gauge size gets smaller (higher gauge numbers indicate smaller sizes).

Any extension cord used with this machine must contain a ground wire, match the required plug and receptacle, and meet the following requirements:

Minimum Gauge Size 120V.....14 AWG
Minimum Gauge Size 240V.....16 AWG
Maximum Length (Shorter is Better).....50 ft.

Voltage Conversion to 240V

The voltage conversion MUST be performed by an electrician or qualified service personnel. To perform the voltage conversion, rewire the motor to the new voltage and install the correct plug, according to the provided wiring diagram. *If the diagram included on the motor conflicts with the one on* ***Page 30*** *in this manual, the motor may have changed since the manual was printed. Use the diagram provided inside the motor wiring junction box.*

Items Needed **Qty**

- Phillips Head Screwdriver #2 1
- Electrical Tape ..... As Needed
- Wire Nut (14 AWG x 3) 1
- 6-15 Plug 1

To convert the Model G0583Z to 240V:

1. DISCONNECT MACHINE FROM POWER!

2. Open the motor junction box, then loosen the wire nuts indicated in **Figure 4**.

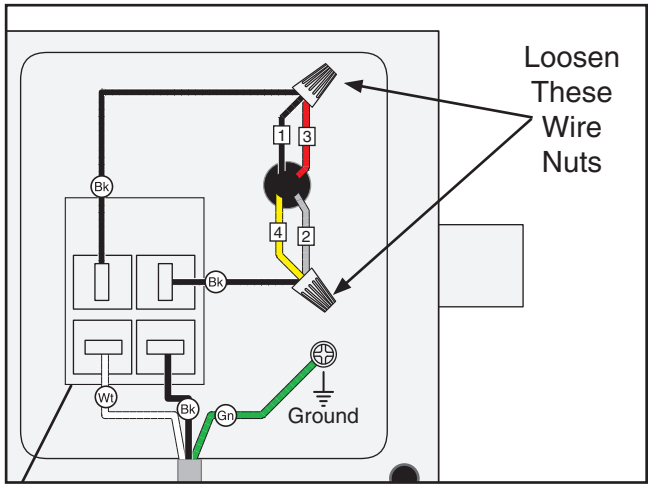


Figure 4. Location of wire nuts to be loosened on Model G0583Z when converting voltage.

3. Use wire nuts to connect the wires as indicated in **Figure 5**. Twist all three wire nuts onto their respective wires and wrap them with electrical tape so they will not come loose.

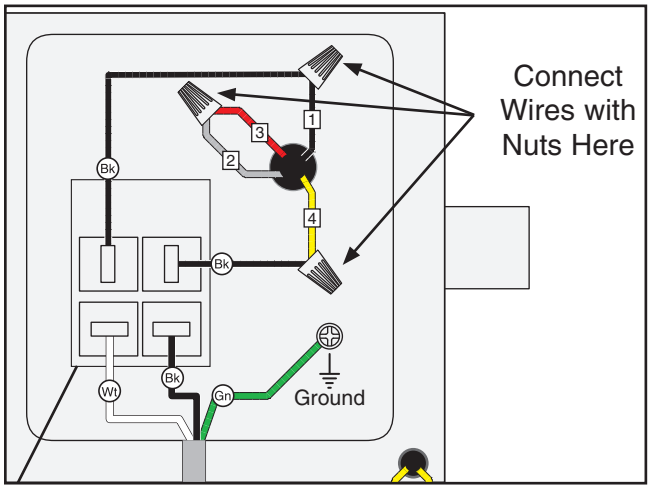
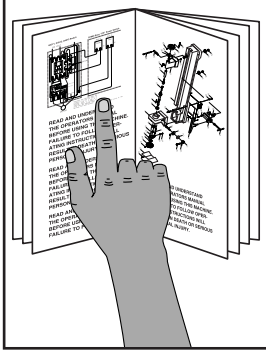


Figure 5. Model G0583Z rewired to 240V.

4. Close and secure the motor junction box.

5. Remove the 5-15 plug from the power cord and install a 6-15 plug according to the manufacturer's instructions.

SECTION 3: SETUP



⚠WARNING

This machine presents serious injury hazards to untrained users. Read through this entire manual to become familiar with the controls and operations before starting the machine!

⚠WARNING

Wear safety glasses during the entire setup process!

⚠WARNING

This machine and its components are very heavy. Get lifting help or use power lifting equipment such as a forklift to move heavy items.

Needed for Setup

The following are needed to complete the setup process, but are not included with your machine:

Description	Qty
• Safety Glasses (for each person)	1
• Wrench or Socket 12mm	1
• Phillips Head Screwdriver #2	1
• Hex Wrench 3mm	1

Unpacking

Your machine was carefully packaged for safe transportation. Remove the packaging materials from around your machine and inspect it. If you discover any damage, *please call us immediately 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 your shipment, inventory the contents.

⚠WARNING

SUFFOCATION HAZARD!

Keep children and pets away from plastic bags or packing materials shipped with this machine. Discard immediately.

Inventory

The following is a description of the main components shipped with your machine. Lay the components out to inventory them.

If any non-proprietary parts are missing (e.g. a nut or a washer), we will gladly replace them; or for the sake of expediency, replacements can be obtained at your local hardware store.

Box 1: (Figure 6) **Qty**

- **A.** Base 1
- **B.** Impeller/Separator Assembly 1
- **C.** Dust Storage Bag 1
- **D.** Elbow 4" 1
- **E.** Hand Rail 1
- **F.** Round Support Leg 1
- **G.** Rectangle Support Legs 2
- **H.** Fixed Casters 2
- **I.** Swivel Casters 2
- **J.** Lower Bag Clamp 1
- **K.** Hardware Bag 1
  - — Hex Bolt $^{5}/_{16}$"-18 x $^{1}/_{2}$" 12
  - — Acorn Nut $^{5}/_{16}$"-18 4
  - — Flat Washer $^{5}/_{16}$" 2
  - — Flat Head Screw $^{5}/_{16}$"-18 x 1" 2
  - — Flange Screw 10-24 x $^{3}/_{8}$" 1
  - — Open-End Wrench 10-12mm 1
  - — Hex Wrench 5mm 1
  - — Hex Bolt M6-1 x 10 4

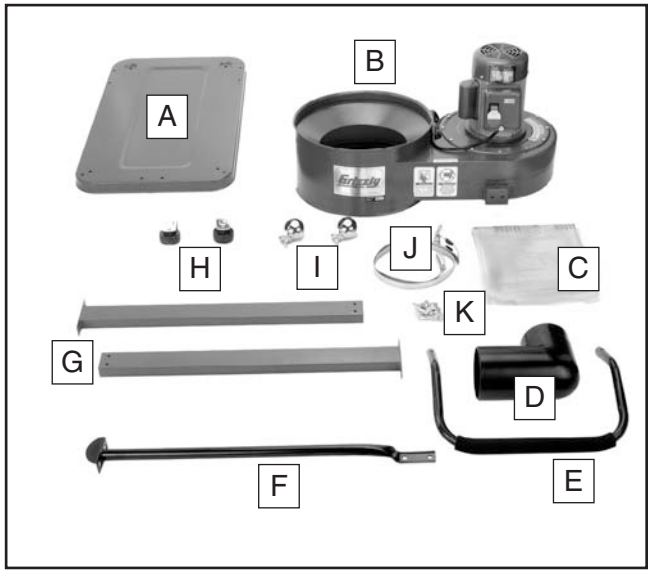


Figure 6. Model G0583Z box 1 inventory.

Box 2: (Figure 7) **Qty**

- **L.** Canister Filter 1
- **M.** Quick Release Clamp 1
- **N.** Foam Adhesive Bag 1
  - —Wide Foam Strip 5 x 42mm 1
  - —Narrow Foam Strip 4 x 20mm 1
- **O.** Canister Cleaning Handle 1

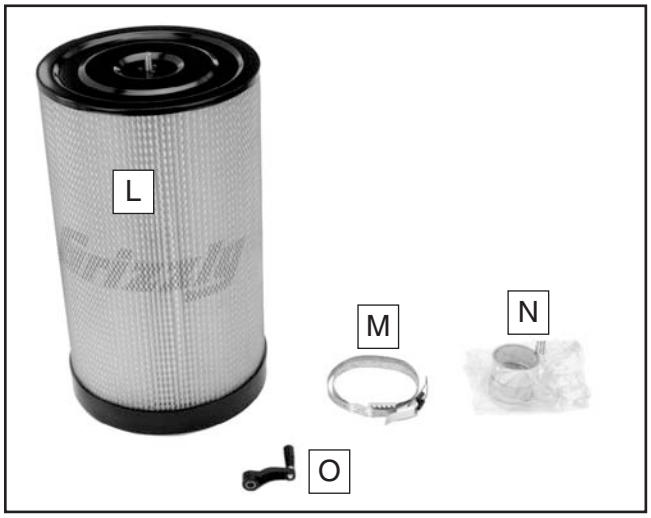
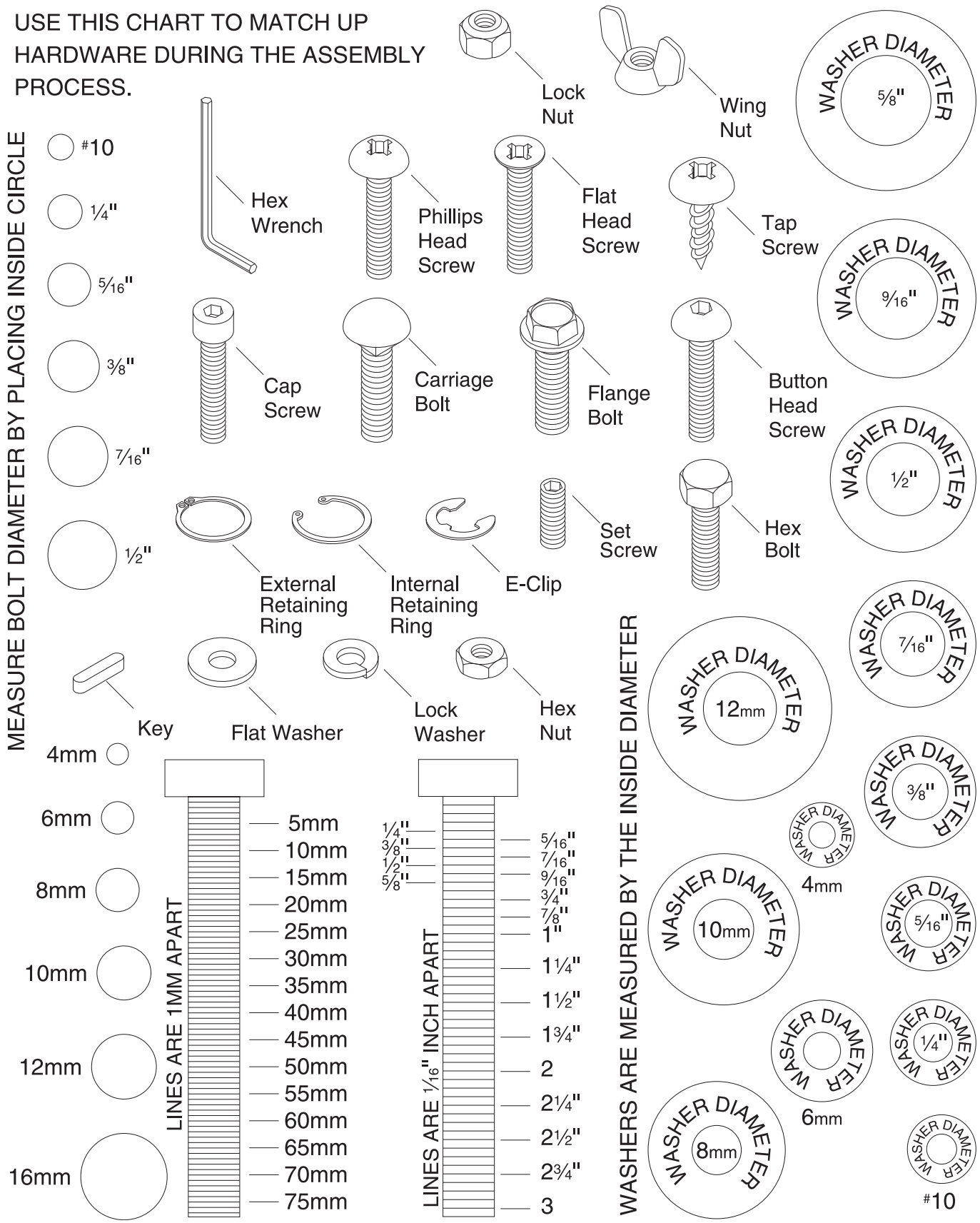


Figure 7. Model G0583Z box 2 inventory.

NOTICE

If you cannot find an item on this list, carefully check the machine and the packaging materials. Some of these items may be preinstalled for shipping or become misplaced during unpacking.

Hardware Recognition Chart



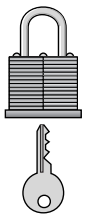
Site Considerations

Weight Load

Refer to the **Machine Data Sheet** for the weight of your machine. Make sure that the surface upon which the machine is placed will bear the weight of the machine, additional equipment that may be installed on the machine, and the heaviest workpiece that will be used. Additionally, consider the weight of the operator and any dynamic loading that may occur when operating the machine.

Space Allocation

Consider the largest size of workpiece that will be processed through this machine and provide enough space around the machine for adequate operator material handling or the installation of auxiliary equipment. With permanent installations, leave enough space around the machine to open or remove doors/covers as required by the maintenance and service described in this manual. **See below for required space allocation.**



⚠CAUTION

Children or untrained people may be seriously injured by this machine. Only install in an access restricted location.

Physical Environment

The physical environment where the machine is operated is important for safe operation and longevity of machine components. For best results, operate this machine in a dry environment that is free from excessive moisture, hazardous chemicals, airborne abrasives, or extreme conditions. Extreme conditions for this type of machinery are generally those where the ambient temperature range exceeds 41°–104°F; the relative humidity range exceeds 20–95% (non-condensing); or the environment is subject to vibration, shocks, or bumps.

Electrical Installation

Place this machine near an existing power source. Make sure all power cords are protected from traffic, material handling, moisture, chemicals, or other hazards. Make sure to leave access to a means of disconnecting the power source or engaging a lockout/tagout device, if required.

Lighting

Lighting around the machine must be adequate enough that operations can be performed safely. Shadows, glare, or strobe effects that may distract or impede the operator must be eliminated.

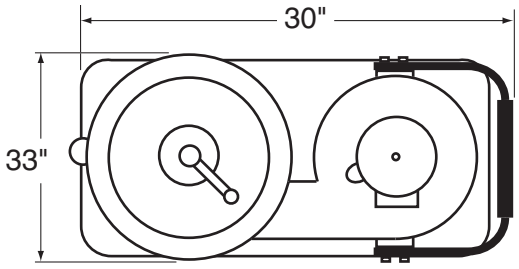


Figure 8. Minimum working clearances.

Assembly

To assemble your dust collector:

1. Install the casters on to the base with (4) 5/16-18 acorn nuts, as shown in **Figure 9**. The swivel casters can be mounted in the front or rear position, depending on your preference.

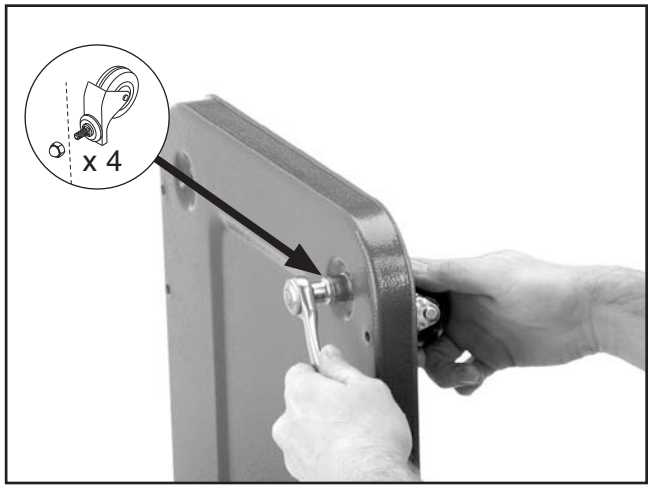


Figure 9. Caster installed onto the base.

2. Place the round and rectangle supports on the base and secure them with (6) 5/16"-18 x 1/2" hex bolts (see **Figure 10**).

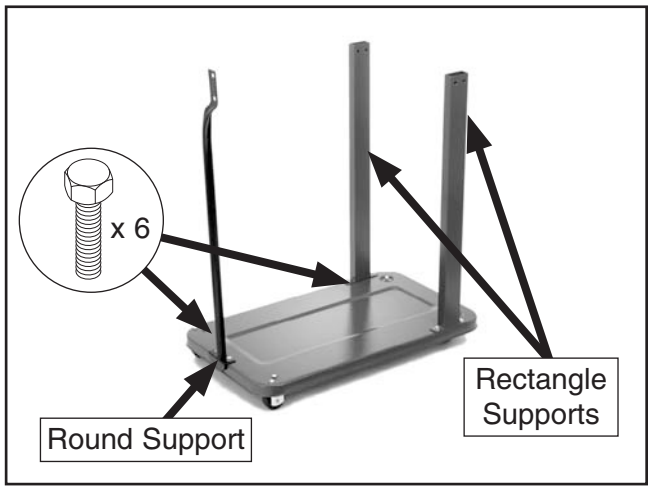


Figure 10. Round and rectangle supports installed onto the base.

3. Align the impeller/separator assembly with the supports, and secure it with (6) 5/16"-18 x 1/2" hex bolts (see **Figure 11**).

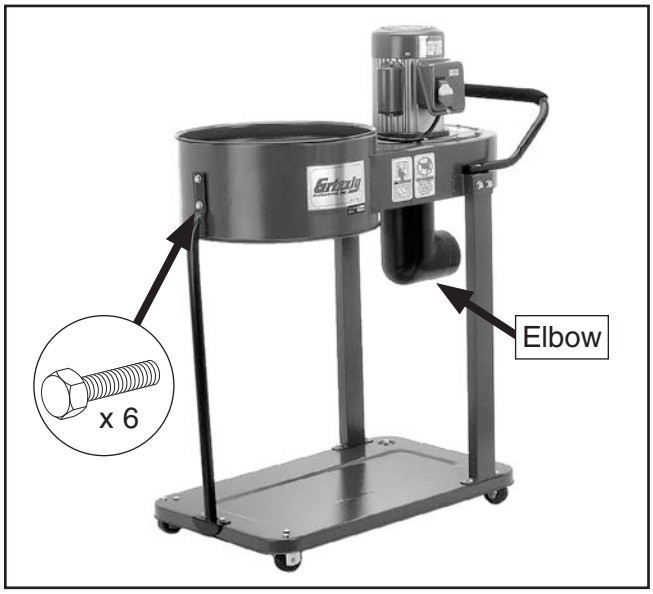


Figure 11. Impeller/separator attached to base.

4. Position the elbow as shown in **Figure 11**, and secure it in place with the #10-24 x 3/8" flange screw.

5. Position the handle as shown in **Figure 11**, and secure it in place with two 5/16"-18 x 1" flat head screws.

6. Affix the narrow foam strip around the outside top rim of the collector, as shown in **Figure 12**.

Figure 12. Narrow foam strip affixed.

7. Trim the excess foam strip so the ends come together evenly, as shown in **Figure 12**.

8. Install the handle onto the top of the canister and tighten the set screw against the flat of the shaft (**Figure 13**).

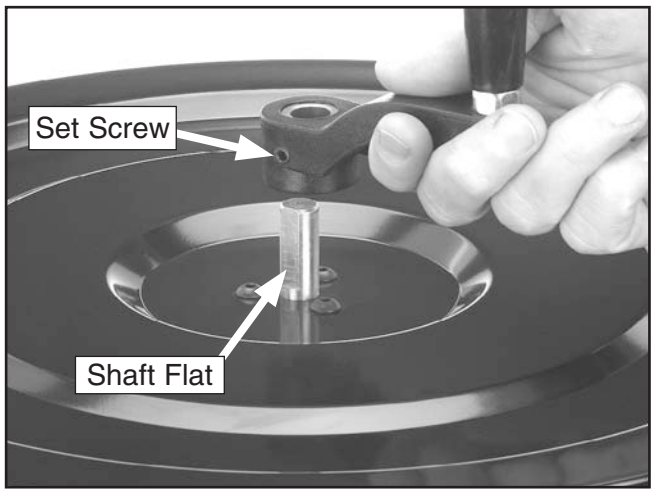


Figure 13. Installing canister handle.

9. Place the canister on top of the collector.

10. Position the metal canister clamp around the bottom of the canister filter, so it will compress around the foam strip (**Figure 14**), and latch the clamp closed.

Figure 14. Canister filter installed and secured.

11. Secure the wide foam strip around the outside bottom rim of the collector and trim the excess (**Figure 15**).

Figure 15. wide foam strip installed and trimmed.

12. Slide the clear collection bag around the bottom of the collector so the rim of the bag overlaps onto the foam strip.

13. Position and tighten the lower bag clamp around the wide foam strip to seal and secure the lower collection bag (**Figure 16**).

Figure 16. Dust collection bag installed.

Power Connection

After you have completed all previous setup instructions and circuit requirements, the machine is ready to be connected to the power supply.

To prevent accidental damage to the power cord, make sure it is kept away from potential damage sources at all times--whether connected or not. Potential damage sources include high traffic areas, sharp objects, heat sources, harsh chemicals, water, damp areas, etc.

To avoid unexpected startups or property damage, use the following steps whenever connecting or disconnecting the machine.

Connecting Power

1. Turn the machine power switch **OFF**.

2. Insert the power cord plug into a matching power supply receptacle. The machine is now connected to the power source.

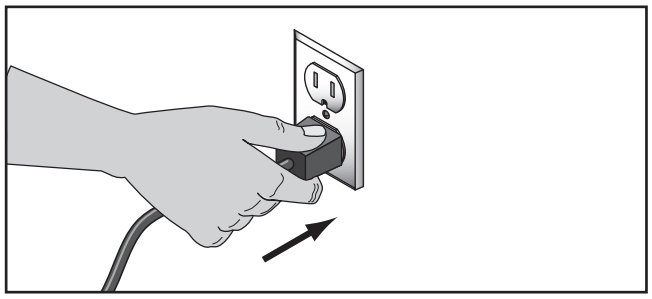


Figure 17. Connecting power.

Disconnecting Power

1. Turn the machine power switch **OFF**.

2. Grasp the molded plug and pull it completely out of the receptacle. Do not pull by the cord as this may damage the wires inside.

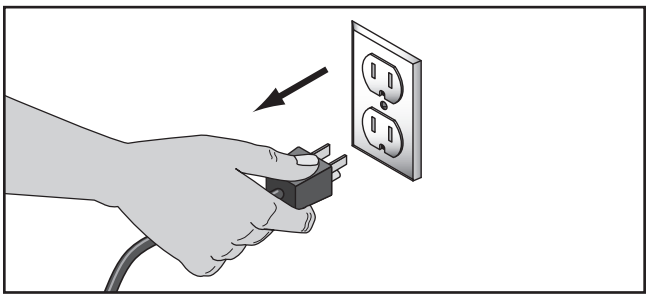


Figure 18. Disconnecting power.

Test Run

Once the assembly is complete, test run your machine to make sure it runs properly and is ready for regular operation.

The test run consists of verifying the following: 1) The motor powers up and runs correctly, and 2) the safety disabling mechanism on the switch works correctly.

If, during the test run, you cannot easily locate the source of an unusual noise or vibration, stop using the machine immediately, then review **Troubleshooting** on **Page 27**.

If you still cannot remedy a problem, contact our Tech Support at (570) 546-9663 for assistance.

To test run the machine:

1. Make sure you have read the safety instructions at the beginning of the manual and that the machine is setup properly.

2. Make sure all tools and objects used during setup are cleared away from the machine.

3. Verify that the machine is operating correctly by turning the machine ***ON***.

   —When operating correctly, the machine runs smoothly with little or no vibration or rubbing noises.

   —Investigate and correct strange or unusual noises or vibrations before operating the machine further. Always disconnect the machine from power when investigating or correcting potential problems.

4. Turn the machine ***OFF***.

5. Remove the switch disabling key, as shown in **Figure 19**.

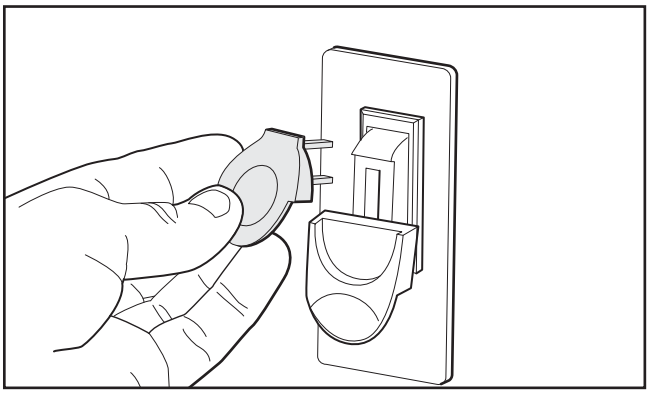


Figure 19. Removing switch key from paddle switch.

6. Try to turn the start the machine with the paddle switch.

   —If the machine does not start, the switch disabling feature is working as designed.

   —If the machine starts, immediately stop the machine. The switch disabling feature is not working correctly. This safety feature must work properly before proceeding with regular operations. Call Tech Support for help.

SECTION 4: COLLECTION SYSTEM

General

The Model G0583Z is designed to collect dust from a single woodworking machine. Locate the dust collector where it will not interfere with the workpiece being processed, and no more than 10' of ducting is used, otherwise the CFM will be reduced. To solve dust collection questions, Grizzly offers a guide book entitled *Dust Collection Basics* that will help you design your system.

Whatever system you choose, always make sure there are no open flames or pilot lights in the same room as the dust collector. There is a risk of explosion if dust is dispersed into the air.

Material Selection

You have many choices regarding dust collection ducting, but flexible hose is the most common. However, be aware that there is a fire or explosion hazard if plastic duct material is used for dust collection without being grounded against static electrical charge build-up. This topic will be discussed later in the manual.

Metal Rigid Duct

Metal ducting comes in many varieties, make sure that what you use is suitable for dust collection. Advantages of metal ducting is its conductivity and that it does not contribute to static electrical charge build-up. However, static charges are still produced when dust particles strike other dust particles as they move through the ducting. Since metal ducting is a conductor, it can be grounded quite easily to dissipate any static electrical charges. However, metal ducting is generally more expensive than plastic ducting and it is not usually airtight unless specifically manufactured for dust collection. Specially manufactured metal ducting, on the other hand, is quite expensive. Metal ducting is also generally more difficult to cut and assemble.

Plastic Flexible Duct

Flexible rubber hose, polyethylene, plastic flex-hose and other flexible ribbed hose is generally used for short runs, small shops, and at rigid duct-to-tool connections. There are many different types of flex hose on the market today. These are manufactured from materials such as polyethylene, PVC, cloth hose dipped in rubber and even metal, including steel and aluminum.

There are also many kinds of pure plastic flexible hose, such as non-perforated drainage type hose and dryer vent hose. Drainage type hose, while being economical, does not quite have the flexibility required for dust collection. The inside of the duct is also deeply corrugated and can increase the static pressure loss by as much as 50% over smooth wall duct. Dryer vent hose, while being completely flexible, is non-resistant to abrasion and has a tendency to collapse in a negative pressure system.

If using flex-hose, you should choose one of the many types that are designed specifically for the movement of solid particles, i.e. dust, grains and plastics. However, the cost of specifically designed flexible duct can vary greatly. Grizzly offers polyethylene hose, which is well suited for the removal of particulate matter, especially sawdust, since it is durable and completely flexible. Polyethylene is also very economical and available in a wide variety of diameters and lengths for most applications.

Plastic Rigid Duct

The popularity of plastic duct is due to the fact that it is an economical and readily available product. It is also simple to assemble and easily sealed against air loss. The primary disadvantage of plastic duct for canister dust collection, whether black ABS or white PVC and even rubber or polyethylene flex-hose, is the inherent danger of static electrical build-up.

System Grounding

Since plastic hose is abundant, relatively inexpensive, easily assembled and air tight, it is a very popular material for conveying dust from woodworking machines to the dust collector. We recommend using flexible hose (flex-hose) to connect the woodworking machine to the dust collector. However, plastic flex-hose and plastic duct are an insulator, and dust particles moving against the walls of the plastic duct create a static electrical build up. This charge will build until it discharges to a ground. If a grounding medium is not available to prevent static electrical build up, the electrical charge will arc to the nearest grounded source. This electrical discharge may cause an explosion and subsequent fire inside the system.

To protect against static electrical build up inside a non-conducting duct, a bare copper wire should be placed inside the duct along its length and grounded to the dust collector. You must also confirm that the dust collector is continuously grounded through the electrical circuit to the electric service panel.

If you connect the dust collector to more than one machine by way of a non-conducting branching duct system and blast gates, the system must still be grounded as mentioned above. We recommend inserting a continuous bare copper ground wire inside the entire duct system and attaching the wire to each grounded woodworking machine and dust collector.

⚠WARNING

Always guard against static electrical build up by grounding all dust collection lines.

Be sure that you extend the bare copper wire down all branches of the system. Do not forget to connect the wires to each other with wire nuts when two branches meet at a "Y" or "T" connection.

Ensure that the entire system is grounded. If using plastic blast gates to direct air flow, the grounding wire must be jumped (**Figure 20**) around the blast gate without interruption to the grounding system.

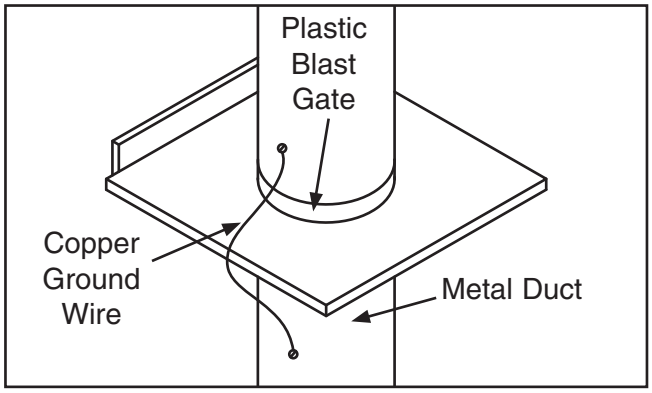


Figure 20. Ground jumper wire when using plastic blast gates and metal duct.

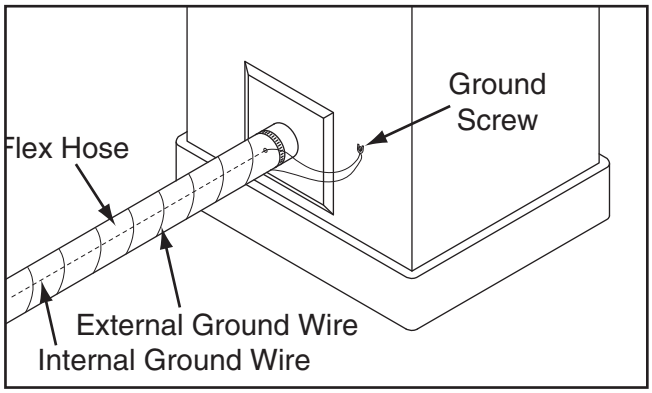


Figure 21. Flex-hose grounded to machine.

We also recommend wrapping the outside of all plastic ducts with bare copper wire to ground the outside of the system against static electrical build up. Wire connections at Y's and T's should be made with wire nuts.

Attach the bare ground wire to each stationary woodworking machine and attach to the dust collector frame with a ground screw as shown in **Figure 21.** Ensure that each machine is continuously grounded to the grounding terminal in your electric service panel.

Ducting Tips

This dust collector is intended for collection from a single machine. It is not designed to draw dust through long runs and multiple ports simultaneously. We do not recommend using ducting any longer than 10 feet. Otherwise, dust collection efficiency will be greatly reduced. However, still consider these general guidelines for efficient dust collection:

1. Machines that produce the most sawdust should have the shortest run of ducting between the dust collector and the machine. These machines include thickness planers, shapers, sanders, and bandsaws.

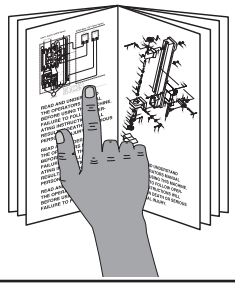
2. Ideally, you should design your shop layout so machines will have the shortest possible run to the dust collector.

3. Keep ducting directional changes to a minimum. The more directional change fittings you use, the greater the loss of overall pressure.

4. Gradual directional changes are more efficient than sudden directional changes (i.e. use the largest corner radius possible when changing hose or pipe direction).

5. The simpler the system, the more efficient and less costly it will be.

SECTION 5: OPERATIONS

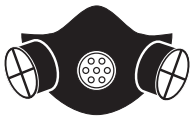


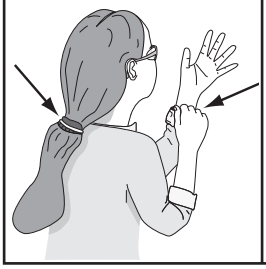
WARNING

To reduce the risk of serious injury when using this machine, read and understand this entire manual before beginning any operations.

WARNING

Damage to your eyes and lungs could result from using this machine without proper protective gear. Always wear safety glasses and a respirator when operating this machine.



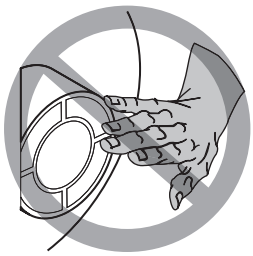


WARNING

Loose hair, clothing, or jewelry could get caught in machinery and cause serious personal injury. Keep these items away from moving parts at all times to reduce this risk.

NOTICE

If you have never used this type of machine or equipment before, WE STRONGLY RECOMMEND that you read books, trade magazines, or get formal training before beginning any projects. Regardless of the content in this section, Grizzly Industrial will not be held liable for accidents caused by lack of training.



WARNING

Do NOT put hands or small objects near inlet openings during operation. Objects sucked into the inlet will meet with the impeller blade. Failure to heed this warning could result in property damage or personal injury.

General

Operating your Model G0583Z is simple and straightforward. Move the dust collector to the machine location, connect the duct, connect the ducting ground, and you are ready to begin.

SECTION 6: ACCESSORIES

⚠WARNING

Some aftermarket accessories can be installed on this machine that could cause it to function improperly, increasing the risk of serious personal injury. To minimize this risk, only install accessories recommended for this machine by Grizzly.

NOTICE

Refer to the newest copy of the Grizzly Catalog for other accessories available for this machine.

Call 1-800-523-4777 To Order

H1052—Clear Flexible Hose 4" x 10'
G1536—Black Flexible Hose 4" x 10'
G3179—Heavy-Duty Clear Flex Hose 4" x 10'
G8830—Hose Hanger 4½"
G1552—Y-Fitting 4" x 4" x 4"
G1545—90° Elbow 4"
G2482—Hose Coupler (Splice) 4"
G2974—Wire Hose Clamp 4"
G1843—Plastic Blast Gate 4"
G4679—Anti-Static Grounding Kit
We've hand picked a selection of commonly used dust collection components for machines with 4" dust ports.

Figure 22. Dust collection accessories.

H7290—Replacement Lower Bag for G0583Z

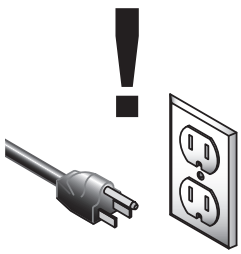
T23129—Extra 1 Micron Canister For G0583Z
Replacement canister for Grizzly G0583Z Dust Collectors.

Figure 23. Replacement canister.

G9956—Remote Controlled Heavy-Duty Double Air Filter
G0572—Hanging Air Filter with Remote
These Hanging Air Filters have convenient remote controls and feature a three speed motor, automatic shutoff timer and hang easily from the workshop ceiling!.

Figure 24. G0572 Dust Filter.

SECTION 7: MAINTENANCE



⚠WARNING

Always disconnect power to the machine before performing maintenance. Failure to do this may result in serious personal injury.

Schedule

For optimum performance from your machine, follow this maintenance schedule and refer to any specific instructions given in this section.

Daily Check:

- Loose mounting bolts.
- Worn switch.
- Worn or damaged wires.
- Clean canister filter.
- Check collection bag.
- Any other unsafe condition.

Lubrication

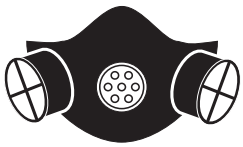
Since all bearings are shielded and permanently lubricated, simply leave them alone until they need to be replaced. Do not lubricate them.

Bag Cleaning

Always empty the collection bags on a regular basis. Emptying the collection bags allows the machine to operate at a much higher level of efficiency.

Always wear the appropriate respirator or dust mask and safety glasses when emptying the collection bags. Small dust particles can escape the bags during emptying, causing them to become airborne and easily inhaled. This microscopic airborne dust is extremely unhealthy to breathe and can cause serious health problems.

While the Model G0583Z excels at collecting the majority of wood dust produced by your machines, it is not an air filter; therefore, **we strongly recommend** the supplemental aid of a shop air filter such as the Grizzly G0572 or G9956. Air filters are designed to collect the smaller dust particles that dust collector bags cannot trap.



⚠CAUTION

Always wear a respirator when emptying the dust collection bags on the dust collector. Sawdust may cause allergic reactions or respiratory problems.

Machine Storage

When the dust collector is not in use, unplug the power cord from the power source. Place the cord away from potential damage sources, such as high traffic areas, sharp objects, heat sources, harsh chemicals, water, damp areas, etc.

Emptying/Replacing Bags

To clean the canister filter on the Model G0583Z, move the canister cleaning handle back-and-forth to free the trapped dust particles from the filter pleats (see **Figure 25**). The particles will fall into the collection bag.

Figure 25. Canister cleaning handle directions.

NOTICE

The use of compressed air or liquids to clean the canister filter will damage the filtration pleats of the filter. Use ONLY the cleaning handle or, if necessary, a soft brush to clean the inside of the canister filter.

The Model H7290 replacement collection bag is available through Grizzly.

To replace the collection bag:

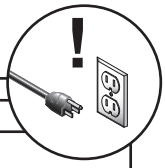
1. DISCONNECT MACHINE FROM POWER!
2. Make sure you are wearing safety glasses and a respirator.
3. Release the belt clamp securing the collection bag, then unhook the bag from the collector.
4. Securely close the top of the bag and safely dispose of it according to local and federal standards.
5. Install a new collection bag.

SECTION 8: SERVICE

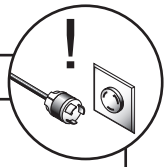
Review the troubleshooting and procedures in this section if a problem develops with your machine. If you need replacement parts or additional help with a procedure, call our Technical Support at (570) 546-9663.
Note: *Please gather the serial number and manufacture date of your machine before calling.*

To reduce the risk of serious personal injury or damage to the machine, any repairs not covered in this manual should only be performed by or with the assistance of qualified service personnel.

Troubleshooting



Symptom	Possible Cause	Possible Solution
Machine does not start or a breaker trips.	1. Power supply switched OFF or is at fault. 2. Wall fuse/circuit breaker is blown/tripped. 3. Wiring is open/has high resistance. 4. Motor ON button or ON/OFF switch is at fault. 5. Motor is at fault.	1. Ensure power supply is switched on; ensure power supply has the correct voltage. 2. Ensure circuit size is suitable for this machine; replace weak breaker. 3. Check for broken wires or disconnected/ corroded connections, and repair/replace as necessary. 4. Replace faulty ON button or ON/OFF switch. 5. Test/repair/replace.
Machine has vibration or noisy operation.	1. Motor, motor mount, or other mounting component is loose or broken. 2. Machine is incorrectly mounted or sits unevenly. 3. Motor fan is rubbing on fan cover. 4. Impeller is loose or damaged and unbalanced. 5. Motor bearings are at fault.	1. Retighten. Use thread locking fluid if necessary. Replace stripped fasteners or damaged components if necessary. 2. Tighten/replace anchor studs in floor if mounted; chock machine casters if mobile. 3. Replace dented fan cover; replace loose/ damaged fan. 4. Disconnect dust collector from power, and inspect the impeller for dents, bends, loose fins. Replace the motor and impeller as a set if the motor shaft and the impeller hub are damaged. 5. Test by rotating shaft; rotational grinding/loose shaft requires bearing replacement.



Symptom	Possible Cause	Possible Solution
Loud, repetitious noise, or excessive vibration coming from dust collector.	1. Dust collector is not on a flat surface and wobbles. 2. The motor mounting or housing connections are loose. 3. Motor fan cover is dented, causing the motor fan to hit the cover while spinning.	1. Stabilize the dust collector. 2. Make sure all fasteners on the dust collector are tight. 3. Replace motor fan cover.
Dust collector does not adequately collect dust or chips; poor performance.	1. Dust collection bag is full. 2. Filter is dirty. 3. Restriction in duct line. 4. Dust collector is too far away, or there are too many sharp bends in the ducting. 5. Lumber is wet and dust not flowing through ducting smoothly. 6. Leaks in ducting or too many open ports. 7. Not enough open branch lines, causing a velocity drop in the main line. 8. Ducting or machine dust ports are incorrectly sized. 9. The machine dust collection design is inadequate. 10. The dust collector is too small for the dust collection system, or ducting layout design inadequate.	1. Empty collection bag. 2. Clean filter. 3. Remove restriction in the duct line. A plumbing snake may be necessary. 4. Relocate the dust collector closer to the point of suction, and rework ducting without sharp bends. 5. Process lumber with less than 20% moisture content. 6. Rework the ducting to eliminate all leaks. Close dust ports for lines not being used. 7. Open 1 or 2 more blast gates to different branch lines to allow the velocity in the main line to increase. 8. Re-install correctly sized ducts and fittings. 9. Use a dust collection nozzle on a stand. 10. Install a larger dust collector to power your dust collection system.
Sawdust being blown into the air from the dust collector.	1. Duct clamps or dust collection bag are not properly clamped and secured. 2. Bag clamps is loose or damaged.	1. Re-secure ducts and dust collection bag, making sure duct and bag clamp are tight and completely over the ducts and bag. 2. Retighten bag clamp. Install one or more Grizzly Model G0572 Hanging Air Filters.

SECTION 9: WIRING

These pages are current at the time of printing. However, in the spirit of improvement, we may make changes to the electrical systems of future machines. Compare the manufacture date of your machine to the one stated in this manual, and study this section carefully.

If there are differences between your machine and what is shown in this section, call Technical Support at (570) 546-9663 for assistance BEFORE making any changes to the wiring on your machine. An updated wiring diagram may be available. **Note:** *Please gather the serial number and manufacture date of your machine before calling. This information can be found on the main machine label.*

⚠WARNING
Wiring Safety Instructions

SHOCK HAZARD. Working on wiring that is connected to a power source is extremely dangerous. Touching electrified parts will result in personal injury including but not limited to severe burns, electrocution, or death. Disconnect the power from the machine before servicing electrical components!

MODIFICATIONS. Modifying the wiring beyond what is shown in the diagram may lead to unpredictable results, including serious injury or fire. This includes the installation of unapproved aftermarket parts.

WIRE CONNECTIONS. All connections must be tight to prevent wires from loosening during machine operation. Double-check all wires disconnected or connected during any wiring task to ensure tight connections.

CIRCUIT REQUIREMENTS. You MUST follow the requirements at the beginning of this manual when connecting your machine to a power source.

WIRE/COMPONENT DAMAGE. Damaged wires or components increase the risk of serious personal injury, fire, or machine damage. If you notice that any wires or components are damaged while performing a wiring task, replace those wires or components.

MOTOR WIRING. The motor wiring shown in these diagrams is current at the time of printing but may not match your machine. If you find this to be the case, use the wiring diagram inside the motor junction box.

CAPACITORS/INVERTERS. Some capacitors and power inverters store an electrical charge for up to 10 minutes after being disconnected from the power source. To reduce the risk of being shocked, wait at least this long before working on capacitors.

EXPERIENCING DIFFICULTIES. If you are experiencing difficulties understanding the information included in this section, contact our Technical Support at (570) 546-9663.

NOTICE

The photos and diagrams included in this section are best viewed in color. You can view these pages in color at www.grizzly.com.

COLOR KEY

BLACK	Bk	BLUE	Bl	YELLOW	Yl	LIGHT BLUE	Lb
WHITE	Wt	BROWN	Br	YELLOW GREEN	Yg	BLUE WHITE	Bw
GREEN	Gn	GRAY	Gy	PURPLE	Pu	TURQUOISE	Tu
RED	Rd	ORANGE	Or	PINK	Pk		

G0583Z Wiring Diagram

View this page in color at *www.grizzly.com.*

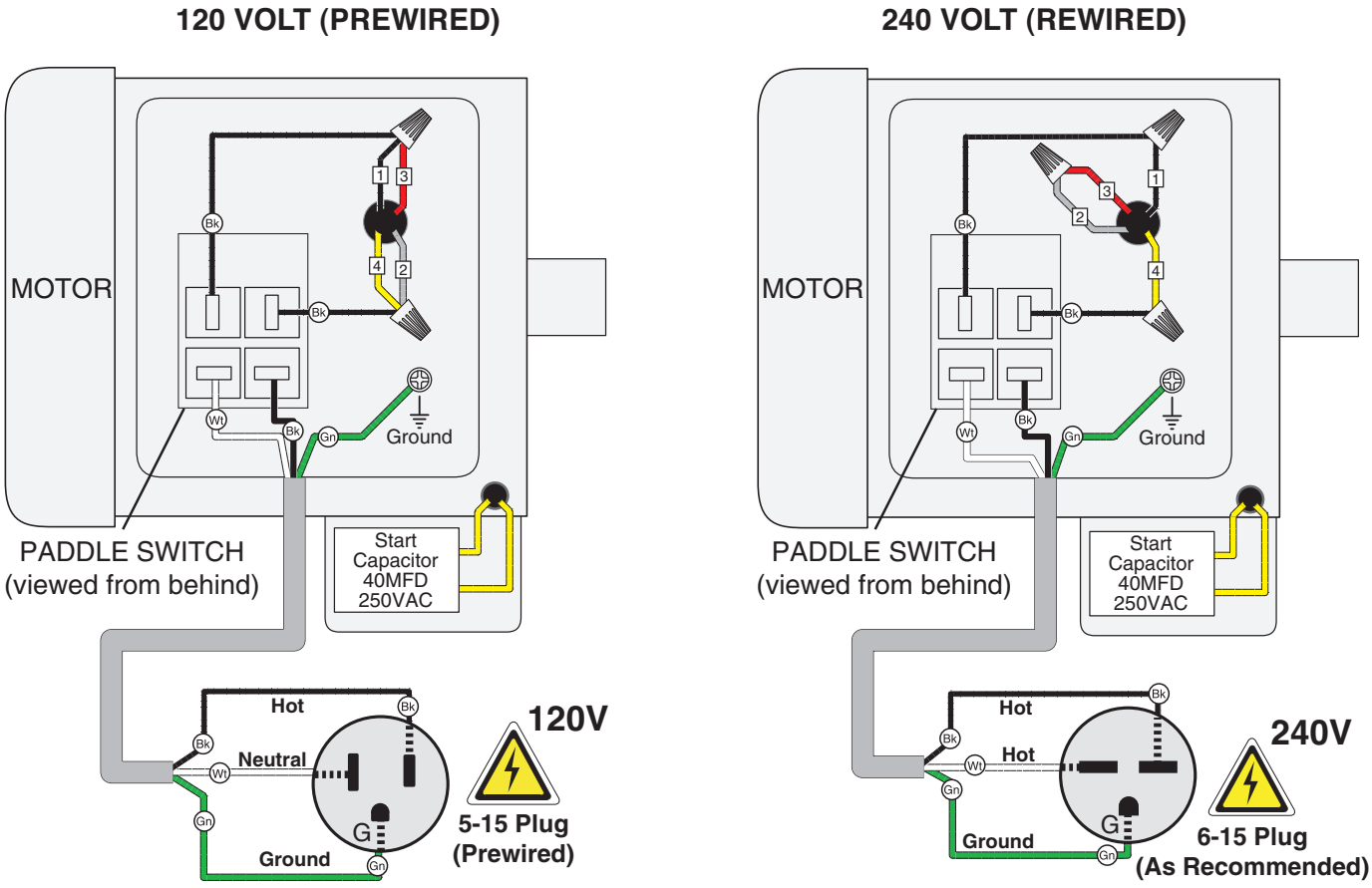
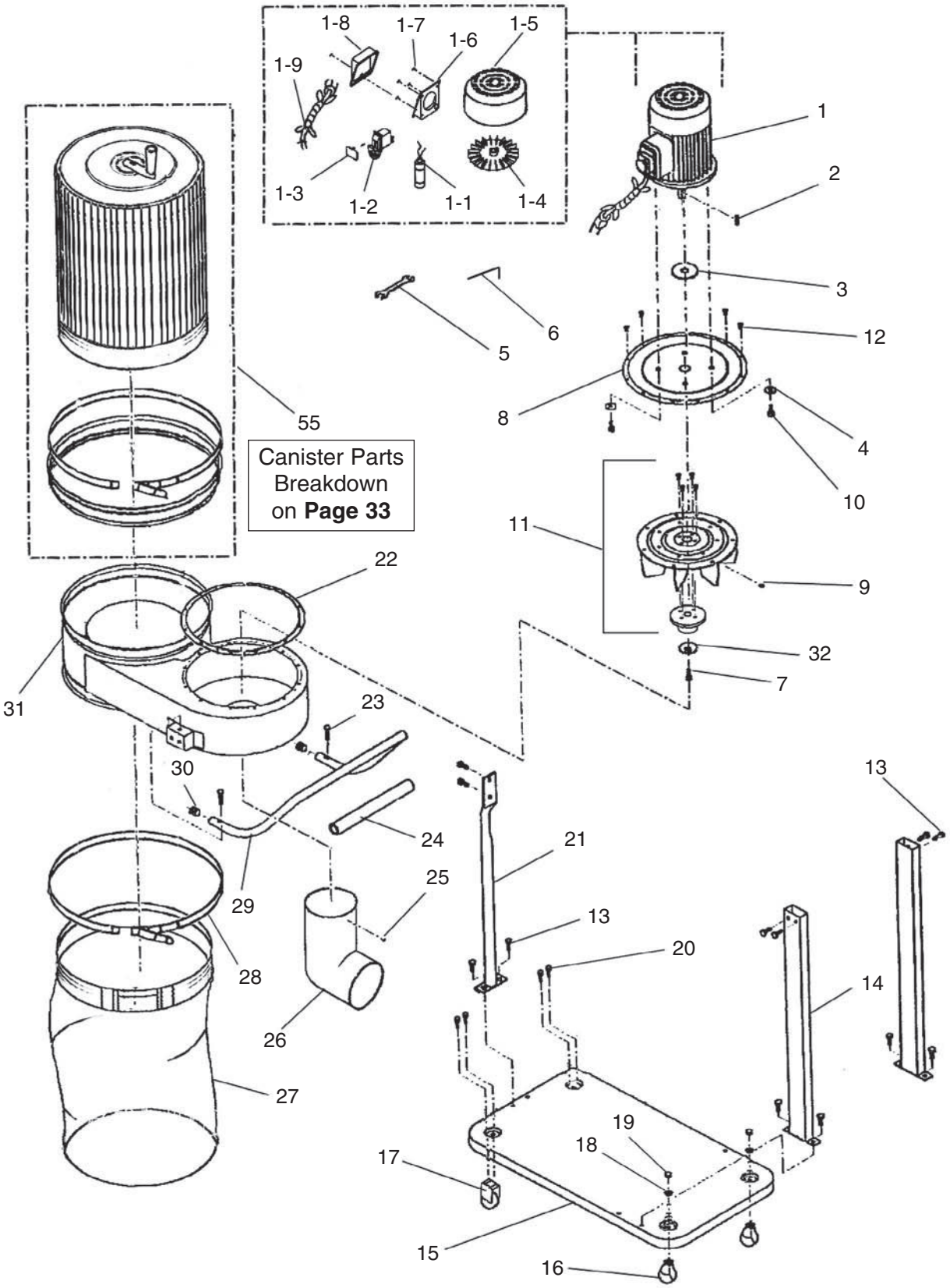


Figure 26. Motor junction box wiring.

SECTION 10: PARTS

Main

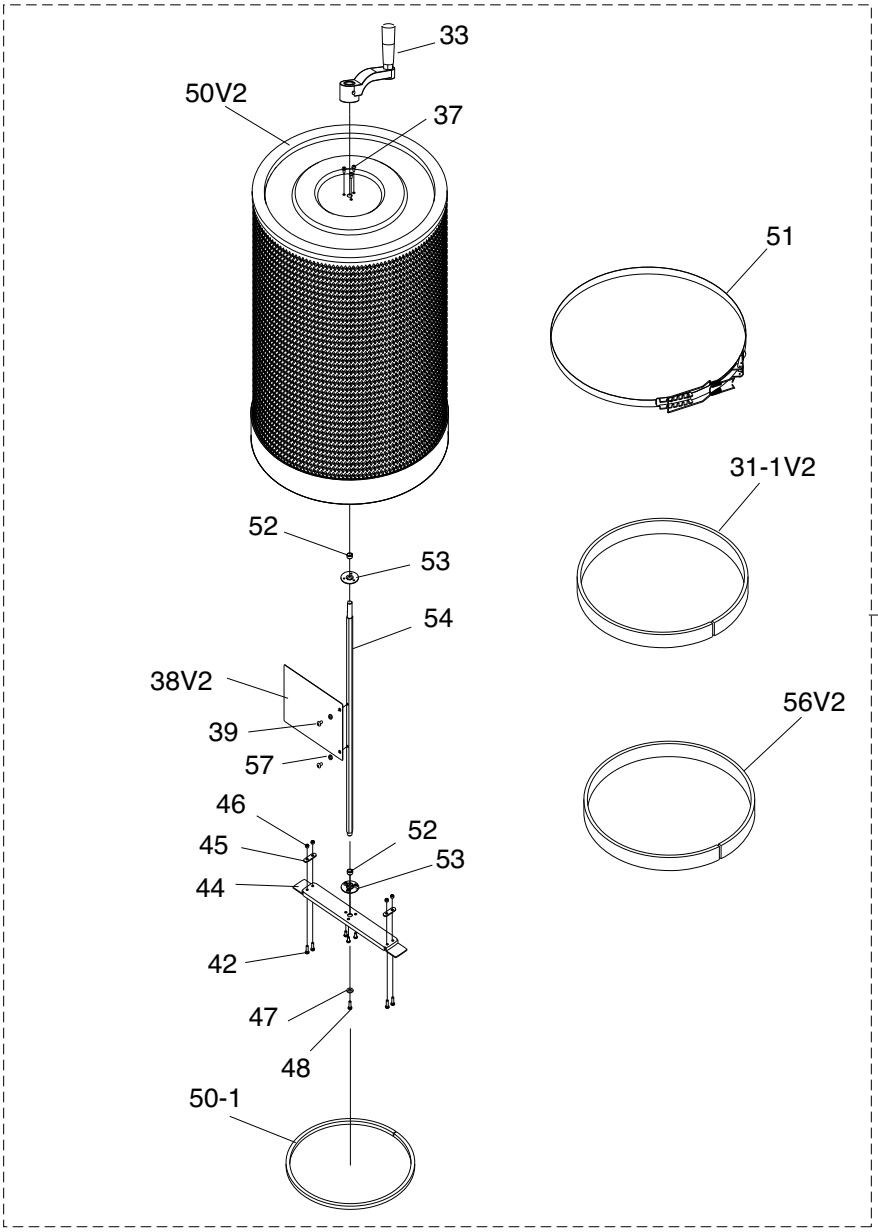


Main Parts List

REF	PART #	DESCRIPTION
1	P0583Z001	MOTOR 1HP 110V/220V1-PH
1-1	PC030A	S. CAPACITOR 40M 250V 1-3/8 X 2-3/8
1-2	PSW06	SWITCH
1-3	PSW06-1	SWITCH KEY
1-4	P0583Z001-4	FAN
1-5	P0583Z001-5	FAN COVER
1-6	P0583Z001-6	SWITCH HOUSING
1-7	PFS03	FLANGE SCR 10-24 X 3/8"
1-8	P0583Z001-8	SWITCH COVER
1-9	P0583Z001-9	POWER CORD
2	PK01M	KEY 5 X 5 X 22
3	P0583Z003	SHAFT SEAL
4	PW06	FLAT WASHER 1/4"
5	PWR1012	WRENCH 10-12MM
6	PAW05M	HEX WRENCH 5MM
7	PCAP02M	CAP SCREW M6-1 X 20
8	P0583Z008	INLET COVER
9	PSS17	SET SCREW 5/16"-18 X 5/16"
10	PB19	HEX BOLT 1/4"-20 X 1/2"
11	P0583Z011	IMPELLER ASSEMBLY10"
12	PS09M	PHLP HD SCR M5-8 X 10

REF	PART #	DESCRIPTION
13	PB09	HEX BOLT 5/16"-18 X 1/2"
14	P0583Z014	RECTANGLE SUPPORT LEG
15	P0583Z015	BASE
16	P0583Z016	SWIVEL CASTER
17	P0583Z017	FIXED CASTER
18	PW07	FLAT WASHER 5/16"
19	PN40	ACORN NUT 5/16"-18
20	PB04M	HEX BOLT M6-1.0 X 10
21	P0583Z021	ROUND SUPPORT LEG
22	P0583Z022	FOAM GASKET
23	PFH25	FLAT HD SCR 5/16"-18 X 1"
24	P0583Z024	FOAM HAND GRIP
25	PFS03	FLANGE SCR 10-24 X 3/8"
26	P0583Z026	ELBOW 4"
27	P0583Z027	DUST STORAGE BAG
28	P0583Z028	STORAGE BAG CLAMP
29	P0583Z029	HAND RAIL
30	P0583Z030	PLASTIC CAP 5/8"
31	P0583Z031	IMPELLER HOUSING
32	P0583Z032	CONCAVE WASHER 6MM
55V2	T23129	CANISTER FILTER V2.09.11

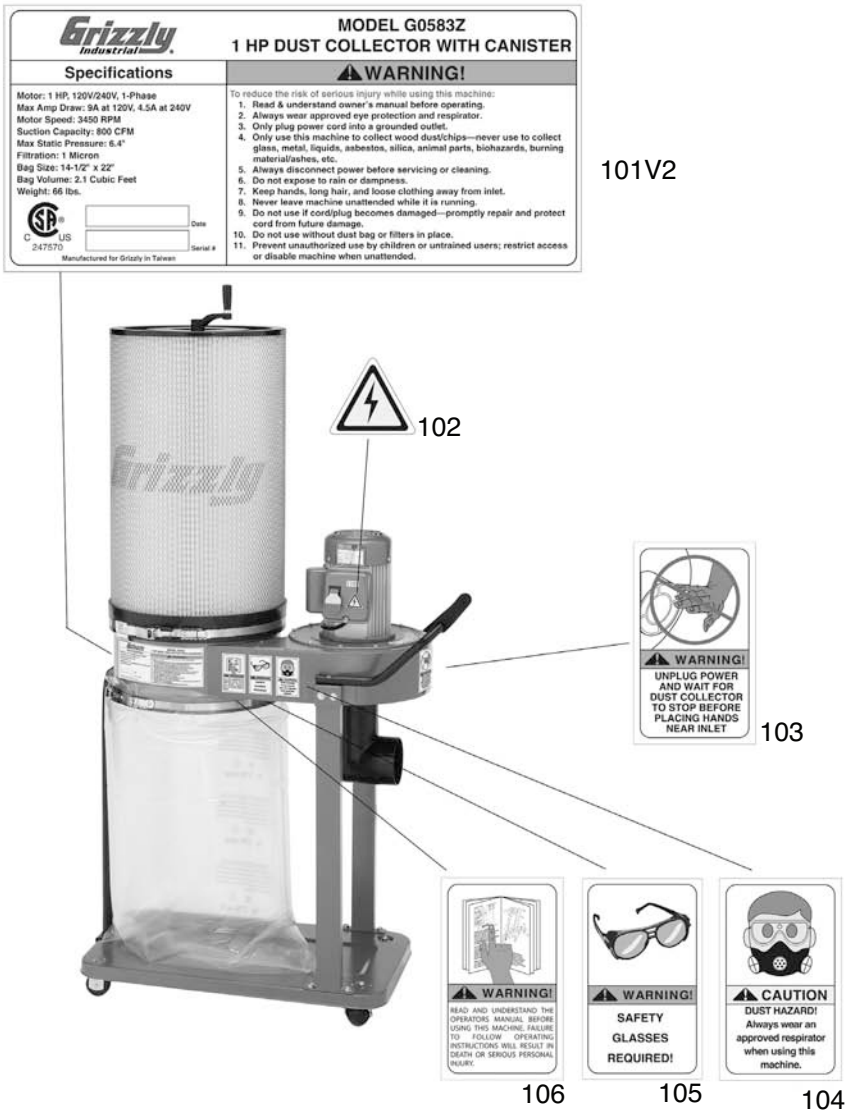
Canister Filter



REF	PART #	DESCRIPTION
55V2	T23129	CANISTER FILTER V2.09.11
31-1V2	P0583Z031-1V2	FOAM STRIP 6 X 20MM V2.09.11
33	P0583Z033	HANDLE
37	PS09M	PHLP HD SCR M5-.8 X 10
38V2	P0583Z038V2	PLASTIC FLAP BOARD V2.09.11
39	PS68M	PHLP HD SCR M6-1 X 10
42	PS20M	PHLP HD SCR M5-.8 X 15
44	P0583Z044	BOTTOM PLATE
45	P0583Z045	SUPPORT TAB
46	PN06M	HEX NUT M5-.8

REF	PART #	DESCRIPTION
47	PW06	FLAT WASHER 1/4
48	PS68M	PHLP HD SCR M6-1 X 10
50V2	P0583Z050V2	FILTER V2.09.11
50-1	P0583Z050-1	FOAM GASKET 10 X 15 MM
51	P0583Z051	METAL BELT CLAMP
52	PH5783005	THRUST BEARING 12 X 14 X 6
53	PH5783006	BEARING PLATE
54	P0583Z054	HEX SPINDLE
56V2	P0583Z056V2	FOAM STRIP 5 X 42MM V2.09.11
57	PW03M	FLAT WASHER 6MM

Labels



REF	PART #	DESCRIPTION
101V2	P0583Z101V2	MACHINE ID LABEL CSA V2.09.11
102	PLABEL-14	ELECTRICITY LABEL
103	PLABEL-59	HANDS NEAR INLET LABEL

REF	PART #	DESCRIPTION
104	PLABEL-61	RESPIRATOR LABEL
105	PLABEL-11A	SAFETY GLASSES LABEL
106	PLABEL-12A	READ MANUAL LABEL

⚠WARNING

Safety labels warn about machine hazards and ways to prevent injury. The owner of this machine MUST maintain the original location and readability of the labels on the machine. If any label is removed or becomes unreadable, REPLACE that label before using the machine again. Contact Grizzly at (800) 523-4777 or www.grizzly.com to order new labels.

Grizzly Industrial, Inc. 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. ***Of course, 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?

____ Cabinetmaker & FDM
____ Family Handyman
____ Hand Loader
____ Handy
____ Home Shop Machinist
____ Journal of Light Cont.
____ Live Steam
____ Model Airplane News
____ Old House Journal
____ Popular Mechanics
____ Popular Science
____ Popular Woodworking
____ 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 Grizzly customers in your area?
Note: *We never use names more than 3 times.* _____Yes _____No

10. Comments: _____

_____

_____

_____

CUT ALONG DOTTED LINE

FOLD ALONG DOTTED LINE

Place
Stamp
Here

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

FOLD ALONG DOTTED LINE

Send a Grizzly Catalog to a friend:

Name_____

Street_____

City_____State_____Zip_____

TAPE ALONG EDGES--PLEASE DO NOT STAPLE

WARRANTY & 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.

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