IMPORTS, INC.

DUST COLLECTOR

MODEL G1032

INSTRUCTION MANUAL

GRIZZLY IMPORTS, INC.

PRINTED MARCH 1992 PRINTED IN USA

WARRANTY CARD

NAME_____ PHONE NUMBER_____

STREET_____

CITY_____ STATE_____ ZIP_____

MODEL # _____ PURCHASED FROM GRIZZLY, BELLINGHAM, WA ☐
OR WILLIAMSPORT, PA ☐

INVOICE # _____

The following information is given on a voluntary basis. This information will be used for marketing purposes to help Grizzly develop better products. Your name will be included in our mailing list only. It will not be sold to other companies. Of course, all information is strictly confidential.

1. How did you find out about us?

___ Advertisement ___ Friend ___ Other _____
___ Catalog ___ Card deck

2. Do you think your machine represents good value? YES___ NO ___

3. Would you allow us to use your name as a reference for Grizzly customers in your area? YES___ NO ___
(Note: Your name will be used a maximum of three times.)

4. To which of the following publications do you subscribe? Check all that apply.

___ Fine Woodworking ___ Popular Woodworking ___ FDM ___ Practical Homeowner
___ American Woodworker ___ Fine Homebuilding ___ Wood & Wood Products ___ Home Handyman
___ Woodwork ___ Workbench ___ Old House Journal ___ Shop Notes
___ WOOD ___ Woodsmith ___ Journal of Light Construction ___ Cabinetmaker
___ Woodworker's Journal ___ Woodshop News ___ Wooden Boat ___ Other _____

5. What is your annual household income?

___ $20,000-$30,000 ___ $60,001-$70,000
___ $30,001-$40,000 ___ $70,001-$80,000
___ $40,001-$50,000 ___ $80,001-$90,000
___ $50,001-$60,000 ___ + $90,000

6. To which age group do you belong?

___ 20-30 ___ 41-50 ___ 61-70
___ 31-40 ___ 51-60 ___ +70

7. Which of the following stationary woodworking machines do you own? Check all that apply.

___ Table Saw ___ Jointer ___ Lathe ___ Scroll Saw
___ Band Saw ___ Planer ___ Panel Saw ___ Mortiser
___ Radial Arm Saw ___ Drill Press ___ Air Compressor & tools ___ Other
___ Wide Belt Sander ___ Shaper ___ Dust Collector _____
___ Drum Sander ___ Power Feeder ___ VacuumVeneer Press

8. How many of the machines you checked in Question 7 are Grizzly machines? _____

9. Which of the following portable woodworking machines or power tools do you own? Check all that apply.

___ Circular Saw ___ Saber Saw ___ Miter Saw ___ Biscuit Joiner Other:_____
___ Drill/Driver ___ Recipro Saw ___ Belt Sander ___ Orbital Sander _____
___ R-O Sander ___ Router ___ Planer ___ Detail Sander

10. Which of these machines or other tools would you like Grizzly to carry? Check all that apply.

___ Radial Arm Saw ___ Biscuit Joiner ___ Combination Planer/Jointer Other: _____
___ Panel Saw ___ Pin Router ___ 12" Table Saw _____
___ Vertical Spindle Sander ___ Mortiser ___ 24" Planer

11. Of all the mail order woodworking companies you have purchased from, how do you rate Grizzly in terms of overall customer satisfaction?

___ The best ___ Above average ___ Average
___ Below average ___ The worst

12. Comments: _____

_____

FOLD ALONG THIS LINE

From:

_____

_____

_____

PLACE
STAMP
HERE

GRIZZLY IMPORTS

P O BOX 2069

BELLINGHAM WA 98227-2069

FOLD ALONG THIS LINE

TAPE ALONG EDGES—PLEASE DO NOT STAPLE

Parts and Service Information

Grizzly stands behind its products with a full parts inventory. These parts are available for purchase by Grizzly machine owners regardless of whether you are the original owner or a subsequent owner. If you are the original owner, please fill out the warranty information on the warranty card, remove the card from this manual and send it back to us within 10 days of product delivery. We appreciate any comments or suggestions and use them to better our products and service.

If you are not the original owner, please fill out one of the cards below, remove the card from the manual and send it back to us. By registering with us, you will have the same access to parts and service as the original owner.

If you need service or help with this machine, please call or write to us at the appropriate regional service location listed on page 1 of this manual.

CHANGE OF OWNERSHIP

Original Owner Machine name & model no. _____

Name _____ Phone Number _____

Street _____

City _____

State _____ ZIP _____ Date purchased _____

New Owner

Name _____ Phone Number _____

Street _____

City _____

State _____ ZIP _____ Date purchased _____

CHANGE OF OWNERSHIP

Original Owner Machine name & model no. _____

Name _____ Phone Number _____

Street _____

City _____

State _____ ZIP _____ Date purchased _____

New Owner

Name _____ Phone Number _____

Street _____

City _____

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I. INTRODUCTION

The Model G1032 Dust Collector is part of Grizzly Imports, Inc. family of fine woodworking machinery and is the most portable of our line of dust collectors. The Model G1032 replaces our older Model G1031 Dust Collector and is functionally identical except for motor size and capacity. Assembly, safety items and operating procedures are the same for both, including part numbers.

The Model G1032 Dust Collector features 450 cubic feet per minute of air movement and has a static pressure rating of 2.76". Standard features include a 1 horsepower motor, push button switch, cyclone collector, two filter/collection bags and a 4" intake port. We also offer a full line of optional accessories to connect this dust collector to your woodworking machines. Please refer to our current catalog for prices and ordering information.

This dust collector represents our commitment to quality woodworking tools and machinery. We are also committed to supporting these products with technical documentation and customer service. This instruction manual is an example of our support documentation. It was written to guide you through assembly, to review important safety rules and describe general operating procedures. We strongly recommend that you read and understanding this entire manual.

Although we believe this manual is complete and accurate, our support documentation is an ongoing process and does not end here. If you have any constructive criticisms or comments that you feel we should include in our next printing, simply write to:

Manager, Technical Documentation
Grizzly Imports, Inc.
P.O. Box 2069
Bellingham, WA 98227-2069

Finally, our customer service after the sale is supported by two excellent regional service departments which are available to assist you. If you have any service questions or parts requests, please call or write to us at the appropriate location listed below.

West of the Mississippi River:
P.O. Box 2069
Bellingham, WA 98227
(206) 647-0801

East of the Mississippi River:
2406 Reach Road
Williamsport, PA 17701
(717) 326-3806

II. COMMENTARY

As with any tool or machine, a thorough understanding of how this dust collector operates is necessary for safe operation. Please take the time to read and follow all items in this manual. If you do not understand something, then **DO NOT** operate this machine. Contact us first for assistance or advice. Grizzly cautions that although our Safety Rules are extensive, they are not necessarily comprehensive.

We would also like to state that the specifications, drawings and photographs put forth in this manual represent the Model G1032 as supplied, when the manual was prepared. We are meticulous with our manuals; however, product changes or discrepancies can occur. Whenever possible, we send manual updates to all owners of a particular tool or machine. Should you receive one, we urge you to replace the old information with the new and keep it for your reference.

We also feel other information in addition to this manual is very important to better realize the full benefits and risks associated with the use of this type of machine. Refer to trade journals, woodworking magazines or other sources available at your local library.

We appreciate your support and thank you for purchasing a Grizzly machine! Now, let's check out your new dust collector.

III. SAFETY RULES FOR ALL TOOLS

As with all power tools, there is a certain amount of danger associated with the use of this machine. Operating this machine with knowledge and respect will considerably lessen the possibility of personal injury. If safety precautions are ignored, injury to the operator or others in the area can occur.

There are certain applications for which this machine was designed. We strongly emphasize that this dust collector never be modified and/or used for any application other than that for which it was intended. Modifications to this machine and improper use will void all warranties. If you have any questions regarding application, **DO NOT** use this machine until you have found out what it can and cannot do. The following are important safety rules for all power tools:

1. **KNOW YOUR POWER TOOL.** Read the owner's manual carefully. Learn the tool's capabilities and limitations as well as the specific potential hazards associated with it.

2. **KEEP ALL GUARDS IN PLACE** and in working order.

3. **GROUND ALL TOOLS.** If tool is equipped with a three-prong plug, it should be plugged into a grounded three-hole electrical receptacle. If an adapter is used to accommodate a two-prong receptacle, the adapter plug must be attached to a known ground. Never remove the grounding prong from the plug.

4. **REMOVE ADJUSTING KEYS AND WRENCHES.** Form a habit of checking to see that keys and adjusting wrenches are removed from the tool and put away before turning it on.

5. **KEEP WORK AREA CLEAN.** Cluttered areas and benches invite accidents.

6. **AVOID DANGEROUS ENVIRONMENTS.** Do not use power tools in damp or wet locations, or expose them to rain. Keep work area well lighted.

7. **KEEP CHILDREN AND VISITORS AWAY.** All children and visitors should be kept a safe distance from the work area.

8. **MAKE WORKSHOP CHILD-PROOF.** Use padlocks, lockable master switches, or remove starter keys.

9. **DO NOT FORCE TOOL.** It will do the job better and be safer at the rate for which it was designed.

10. **USE THE RIGHT TOOL.** Do not use a tool or attachment to do a job that it was not designed to do.

11. **WEAR PROPER APPAREL.** Do not wear loose clothing, gloves, neckties or jewelry which may get caught in moving parts. Non-slip footwear is also recommended. Wear a hat or hair covering to contain long hair.

12. **ALWAYS USE SAFETY GLASSES AND EAR PROTECTION.** Also, use a respirator if machine operation produces dust. All safety equipment should be ANSI approved.

13. **SECURE WORK.** Use clamps or some type of fixture to hold work. It is safer than using your hand and frees both hands to operate the tool.

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

15. **MAINTAIN TOOLS IN TOP CONDITION.** Keep cutting tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.

16. **DISCONNECT TOOLS** from power source and wait for moving parts to stop before servicing and when changing accessories such as blades, bits and cutters.

17. **USE RECOMMENDED ACCESSORIES.** Consult our current catalog for recommended accessories. The use of improper accessories may be hazardous.

18. **AVOID ACCIDENTAL STARTING.** Make sure switch is in the **"OFF"** position before plugging in cord.

19. **NEVER STAND OR LEAN ON TOOL.** Serious injury could occur if the tool is tipped, or the cutting tool is accidentally contacted.

20. **CHECK DAMAGED PARTS.** Before further use of any tool, any part that is damaged should be carefully checked to ensure that it will operate properly and safely perform its intended function. Check for alignment of moving parts, binding of moving parts, broken parts, mounting and any other conditions that may affect tool operation. A part that is damaged must be properly repaired or replaced before using the tool.

21. **DIRECTION OF FEED.** Only feed work into a blade or cutter against the direction of rotation of the blade or cutter.

22. **NEVER LEAVE TOOL RUNNING UNATTENDED — TURN POWER OFF.** Do not leave tool until it comes to a complete stop.

23. **DO NOT** operate any tool or machine while under the influence of drugs, alcohol or medication. **DO NOT** operate any tool or machine if you are mentally and/or physically fatigued.

IV. UNPACKING

Unpack all of the items from the carton and inspect them for possible shipping damage. If you find concealed damage, you must file a claim with the freight carrier. Save the packaging and have it available for inspection by the carrier or their agent. Without the packaging you may have a difficult time filing a claim. Of course, if you ever need advice in this matter, please contact us.

After you are completely satisfied with the condition of your shipment, you are ready to inventory the various parts.

CAUTION: Machine parts may be heavy and awkward to handle. **DO NOT** over-exert yourself.

V. PIECE INVENTORY

Since the majority of the dust collector comes to you disassembled, you should have the following pieces laid out in front of you:

Collector Body
Inlet
Base
Fabric Bags (2)
Casters (4)
Rubber Gasket
Collector
Bolt Bag

If anything listed above is either damaged or missing, **DO NOT** attempt to use this dust collector. Please contact us immediately.

At this point, let's inventory the fasteners.

The quantities given here are the minimum required to do the job; it is possible that there will be some extra parts. On the other hand, it is also possible that you may be short an item or two. If so, you might consider replacing the item at your local hardware store. If you are short two bolts that cost a few cents apiece, it will be less expensive to buy locally than writing or phoning us, to say nothing of the time saved. Of course, if you are short many items, we do want to know about it. So, with this in mind, you should have:

QTY.	SIZE	WHERE USED
8	5/16" x 18 x 3/4" Hex. Head Bolt	Pedestal, Motor
6	1/4" x 18 x 1/2" Hex. Head Bolt	Collector
4	5/16" Washers	Motor
4	5/16" Nuts	Motor
16	3/16" x 24 x 5/8" Pan Head Bolt	Casters

If you are fine so far, lay your parts off to the side for now. At this point, let's talk a little about site planning, including electrical service requirements.

VI. SITE PLANNING

Some primary points to consider when adding new machinery such as this dust collector to your shop are safe working clearances and electrical requirements for the motor. We will review working clearances and general electrical needs here. Specific electrical requirements will be considered in more detail in the following section.

Safe working clearances between machines and obstacles should be considered when designing a new shop or adding machines to an existing shop. Working clearances can be defined as the minimum distance between stationary obstacles for safe and easy movement of material and people within the shop. Some examples to consider when arranging a shop within a limited space are: existing and anticipated future stationary machine needs, anticipated size of material to be processed through each machine and space for auxiliary equipment such as this dust collector, carts and/or roller stands. You may also want to consider the relative position of each machine to one another for efficient material processing, i.e. tablesaw and jointer. Also ensure that add-on dust collection hoods and hoses do not hinder material processing. In any event, be sure to design a safe working environment.

Workshop electrical circuits should be dedicated or sufficient enough to handle combined motor amp loads while still protecting from overloading. Outlets should be located near each machine location so power cords are not laying across travel paths and extension cords are not overloaded. Be sure to observe local electrical codes for proper installation if you are adding new lighting, outlets and/or circuits. The following section discusses electrical requirements as they relate to your new dust collector.

VII. ELECTRICAL SERVICE REQUIREMENTS

Your new G1032 dust collector is factory pre-wired to operate at 110/120 volts, single phase.

A. CIRCUIT LOADING

Since this motor will draw 10 amps at 110/120 volts, it can be operated on any 110/120 volt circuit. However, if you operate on any circuit that is already close to its maximum amp load, you may have problems with blowing fuses or kicking breakers. If you experience fuses blowing or breakers kicking, consider adding a dedicated circuit for the dust collector.

B. MACHINE GROUNDING

This equipment must always be grounded. There is absolutely no exception to this requirement. We furnish the dust collector with a power cord with ground wire and plug pin. Please ensure that the collector is continuously grounded. Also, verify that any existing outlet and circuit you intend to plug into is actually grounded. If it is not, it will be necessary to run a separate 12 AWG copper grounding wire from the outlet to a known ground. If adding a new circuit, please ensure that the circuit is grounded to the grounding terminal in your electric service panel.

C. GENERAL INFORMATION

This dust collector motor is dual voltage and can be wired to operate at 220/240 volts. It is not necessary to run at the higher voltage since this motor draws only 10 amps at 110/120 volts. However, if you wish to operate at the higher voltage, it will be necessary to replace the plug with a 220/240 volt plug. We have detailed two 220/240 volt outlet/plug configurations that are the grounding type and safe to use. See Figure 2. The NEMA style numbers are given for your reference and are standard regardless of the brand purchased. Electrical hardware can be purchased from local electrical supply distributors or larger hardware stores. To operate at the higher voltage, it will also be necessary to change the wire connections inside the motor wire junction box. Please refer to the diagram on the motor specification label.

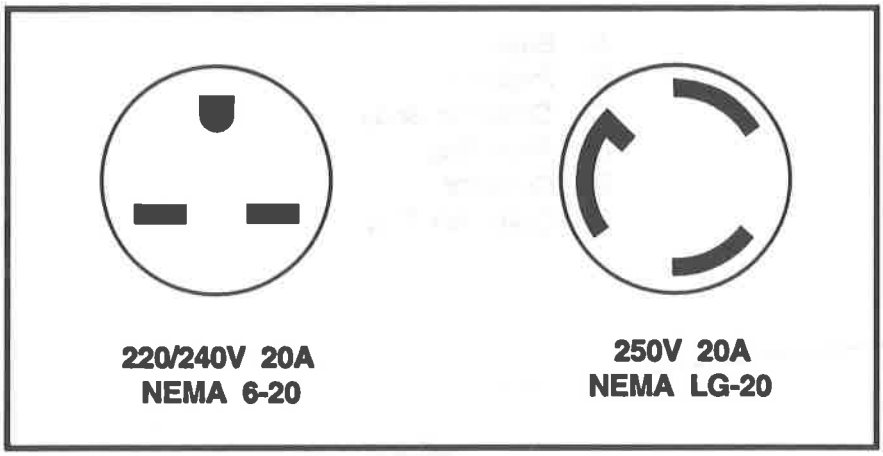


Figure 1 shows two 220/240 volt outlet/plug configurations.

Fusing: Fuse at 15 amps, 110/120 volts. **DO NOT** fuse higher than this since it will not suitably protect a motor of this size. You are cautioned that equipment which is returned to us for service that shows evidence of being run over-fused will be repaired or replaced totally at the customer's expense, regardless of the present warranty status.

Extension Cords: If used, extension cords must be rated hard service - grade SJO - or better. Conductor size must be 14 AWG for cords up to 50 feet in length. The extension cord must contain a grounding wire and plug pin. Repair or replace extension cords if they become damaged.

D. WORD OF CAUTION

ALWAYS ensure that all electrical appliances with a plug grounding pin are properly grounded. Never remove the grounding pin from any plug or use a ground adapter that is not grounded. Should you choose to replace a groundable plug and use another style, make sure the type selected is suitable for use as an equipment grounding method.

We have just recommended electrical service requirements for your dust collector. This is by no means the last word on electrical requirements. Many states, counties, cities, towns, etc. have their own electrical codes that must be complied with. If you have any doubts as to the correct electrical requirements at your location, you may need to consult with your local building authorities, the National Electrical Code and/or a licensed electrician.

VIII. ASSEMBLY

Assembly of the G1032 is asily accomplished. We have organized the assembly process into the following sections:

A. Base
B. Pedestal
C. Collector Body
D. Filter Bag
E. Collector
F. Collection Bag

Figure 2 shows dust collector components.

Please follow the assembly process in the order in which we have presented it here. You will find that some pre-assembly has been done at the factory. For example, the motor and switch are already mounted to the collector body and the fan is mounted to the motor shaft. To aid assembly, please spend some time with the drawings and parts list and become familiar with all the parts before you begin.

Prior to actual assembly, we want to mention some important points about working with items made from sheet steel.

- Parts made from sheet steel, as some of you may know, may be subject to "spring-back" after the manufacturing process. For this reason, do not be overly concerned if one or more of these parts need to be "tweaked" to get the holes to line up, i.e., to insert a bolt. On the other hand, do not be brutal in forcing the parts together. Chances are that if the parts in question really do not want to go together, they're not supposed to. Common sense is your best guide and, of course, it goes without saying that if you think you've got a problem, please contact us.

- All metal parts made from die cutting have a sharp burr edge on them after they are formed. The manufacturer's job, of course, is to remove these and generally does an excellent job. Nonetheless, one or two "slivers" may sneak through. Please check out the edges **before** running your fingers or the palm of your hand along them.

For assembly, 12 mm and 5mm Allen wrenches are provided with this machine. You will also need a 6 or 8 inch adjustable wrench and Phillips screw driver. A metric socket wrench set may be convenient and/or preferred by some, but is not necessary.

NOTE: Threads on the fasteners are USA standard coarse (NC). The heads, however, are metric.

Now let's begin assembly.

A. BASE

Position the base plate upside down and locate the casters so they are within easy reach. Mount the casters (Part # 1, Parts Diagram) to the base plate (Part # 3) using sixteen (16) $^{3}/_{16}$" x 24 x $^{5}/_{8}$" bolts provided. See Figure 3.

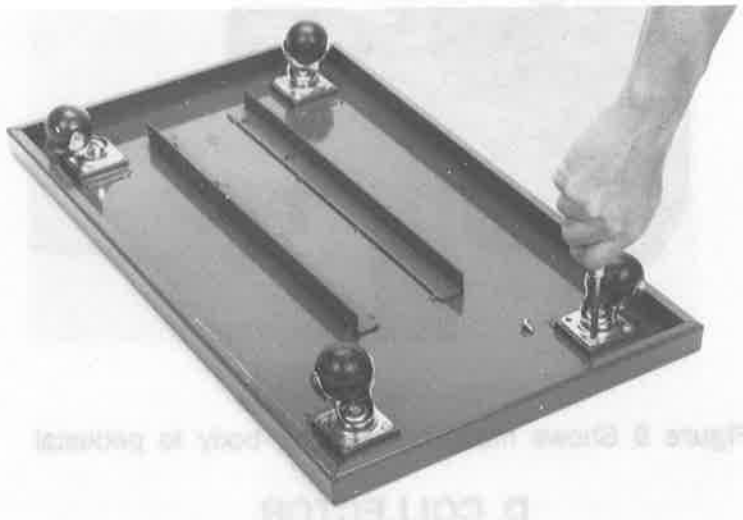


Figure 3 shows mounting casters to the underside of the base plate.

B. PEDESTAL

The pedestal (Part # 10) mounts to the base with four (4) 5/16" x 18 x 3/4" bolts provided. Mount the pedestal with the base flange-down so the oblong motor mounting holes are parallel to the end of the base. See Figure 4.

Figure 4 shows pedestal mounted to base plate.

C. COLLECTOR BODY

The collector body includes the fan assembly, switch and motor which are pre-assembled at the factory. Position the base so the pedestal is on the left as you face the base. Set the motor base plate on top of the pedestal (Part # 3) so the motor faces the rear. Position the base so the pedestal is on the left as you face the base. See Figure 2, page 7. Secure the collector body to the pedestal with four (4) 5/16" x 18 x 3/4" bolts, washer and nuts provided. See Figure 5.

Figure 5 Shows mounting collector body to pedestal

D. COLLECTOR

The collector (Part # 19) attaches to the collector body. The inside of the collector is funnel shaped and forces the air around in a cyclone motion. Make sure that the inside taper (funnel) is faced downward. Insert the rubber gasket (Part # 23) between the collector body flange and the collector flange. Secure with six (6) 1/4" x 18 x 1/2" bolts provided. See Figure 6.

Figure 6 shows attaching collector to the collector body.

E. COLLECTION AND FILTER BAGS

Slip the collection bag (Part # 20) over the bottom edge of the collector and pull the strap tight to secure. Slip the filter bags (Part # 25) over the top edge of the collector and pull the strap tight to secure. See Figure 7.

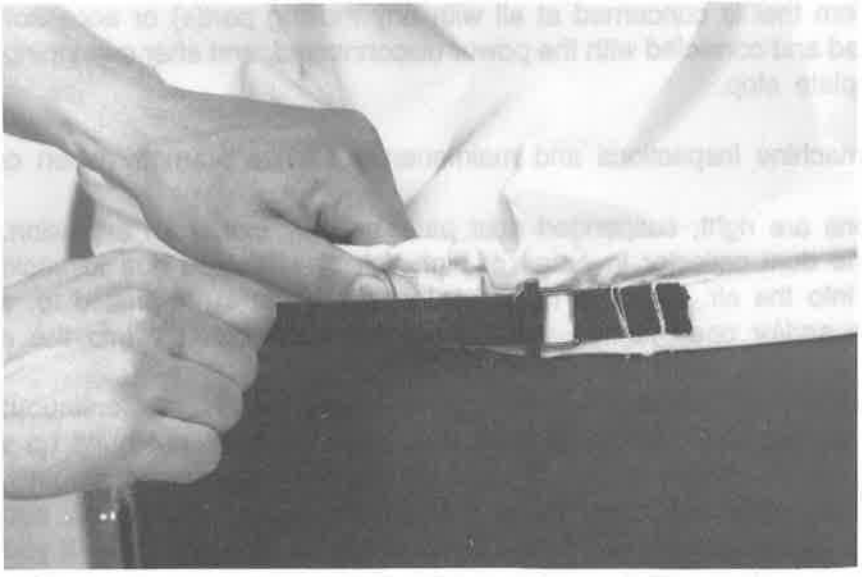


Figure 7 shows bag attachment to the collector.

This completes the dust collector assembly process.

IMPORTANT: Do not operate the dust collector until you have read and understand the following safety and operating procedures.

IX. DUST COLLECTOR SAFETY INFORMATION

This machine is capable of injuring you severely if used in a reckless manner. If you are unfamiliar with the operating and safety procedures for this machine, **DO NOT** use it. Injury prevention begins before the machine is turned on. Please read and observe all of the safety items addressed in this manual.

We have already reviewed general safety rules for all power tools in Section III. At this point we want to discuss additional safety rules relating specifically to this dust collector.

1. Be sure to observe all electrical requirements such as fuse sizing, wire sizing, grounding and other considerations.

2. Ensure that all fasteners are tight and the machine is stable before use.

3. Ensure that the impeller is mounted securely to the motor shaft and that it is locked in position with a left-hand threaded bolt and back-up setscrew.

4. This dust collector is to be used for wood dust collection only. **DO NOT** use this dust collector to pick up liquids and metal scrap including, but not limited to, nails and filings. Also, **DO NOT** pick up material which cannot safely pass through the impeller such as solid wood scraps.

5. **DO NOT** place your hands or tools near the open inlet during operation for any reason including, but not limited to, unclogging material and testing suction.

6. Any problem that is concerned at all with any moving part(s) or accessory must be investigated and corrected with the power disconnected, and after everything has come to a complete stop.

7. Perform machine inspections and maintenance service promptly when called for.

8. If conditions are right, suspended dust particles may cause an explosion. **DO NOT** operate the dust collector in areas of high risk of explosion due to accidental dust dispersal into the air. Areas of high risk include, but are not limited to, areas near pilot lights and/or open flames. Always prevent dust dispersal into the air.

9. Static electricity and spark may also cause a dust explosion. Continuously ground all ducts so that static electricity from dust particles does not build up and cause an explosion, particularly in plastic ducts. If the dust collector is properly grounded and you are using bare metal ducts with no grounding interruptions, such as non-conducting fittings and painted metal, the duct will be self grounding. If you are using a plastic duct system, use a continuous bare copper wire inside the duct so that static electricity can discharge into a grounded system. See Operating Procedure Section B.

10. **DO NOT** allow steel to strike against steel which may produce a spark. Sparks can smolder in wood dust for a long time before fire or flame is detected. If metal contacts metal during operation, immediately turn off the dust collector, unplug the power cord from the outlet or throw the disconnect and wait for all moving parts to stop. Remove collection bags and empty the dust into an approved air tight metal container in case of spark and remedy the metal to metal contact problem before resuming operation.

11. When emptying dust from the collection bags, wear a respirator and safety glasses. Use care so that dust does not become dispersed into the air. Empty dust into an approved container and dispose of properly so it does not create a fire hazard.

12. Never leave the machine running unattended.

That sums up the information pertinent to dust collection safety that we wanted to review. Again, it cannot be assumed that other additional safety measures are not needed under particular or exceptional circumstances or conditions. At this point, let's spend a moment discussing G1032 operating procedures.

X. OPERATING PROCEDURES

The G1032 is designed to be operated as a mobile unit. However, before plugging the dust collector in, we would like to discuss some basic set-up considerations and review initial start-up procedure.

A. SETUP CONSIDERATIONS

Although the G1032 has plenty of power to capture all of the dust produced individually by most woodworking machines, it is limited to simple collection systems. We recommend that the G1032 dust collector be operated near the source of dust production. Because of it's size and easy mobility, the G1032 can be quickly disconnected, moved and re-connected each time a different machine is operated. With the use of a Y connection and two blast gates, the G1032 can be connected simultaneously to two machines within close proximity to each other. Blast gates will direct the air flow from one machine to the other.

To collect dust at the source, you will need a flexible 4" duct connected to the dust collector with the other end connected to a collection hood. Collection hoods can be attached to every machine you wish to access. All of our accessory hoods, dust collection fittings and hose easily connect with hose clamps. See our current catalog for price and ordering information.

When moving the dust collector within the shop, you must consider clearances between obstacles and accessibility to convenient electrical outlets. A rated extension cord may be used if an outlet is not convenient. See electrical service requirements.

The following are some basic safety concerns for mobile dust collector applications.

1. Maintain traffic ways and working clearances for safe woodworking machine operation(s). **DO NOT** block walkways and exits with the dust collector, electrical cords or flex hose.

2. Unplug the dust collector from the power source and disconnect the flex-hose(s) before moving it to a new location.

3. Know your space limitations between obstacles when moving the dust collector.

Although the G1032 has limited application for a stationary set-up, you may wish to locate your dust collector away from the work area in an adjacent room. If you do locate the dust collector in an adjacent room by running a duct through the wall, **DO NOT** place the dust collector in a utility room with any gas appliance with pilot light and/or open flame. There is a risk of explosion if dust is dispersed into the air caused by accident or normal collection bag cleaning procedure. You must also ensure that the volume of air leaving the room through the dust collector is replaced by return air back into the work shop.

WARNING: Ensure that all duct work is grounded to discharge the build-up of static electricity, particularly if using a plastic duct system.

B. SYSTEM GROUNDING

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

To protect against static electrical charge 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. Please ensure that the dust collector is continuously grounded through the electrical circuit to the electric service panel.

If you connect this 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 grounding wire inside the entire duct system and attaching the wire to each grounded woodworking machine and dust collector. See Figure 8.

One method of connecting ground wires where two branch ducts intersect is to thread the wire from the inside of each duct to the outside at the Y or T connection. Wires can be threaded through small pre-drilled holes in the duct near the fitting. Once the ducts are connected to the fitting, the ground wires are externally connected using wire nuts. The holes can be filled with silicon caulk after the wires are connected.

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

We also recommend wrapping the outside of all plastic ducts with bare copper wire to ground the outside of the system against static electricity build-up. Wire connections at Y's and T's can be made with wire nuts similar to the method described above.

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

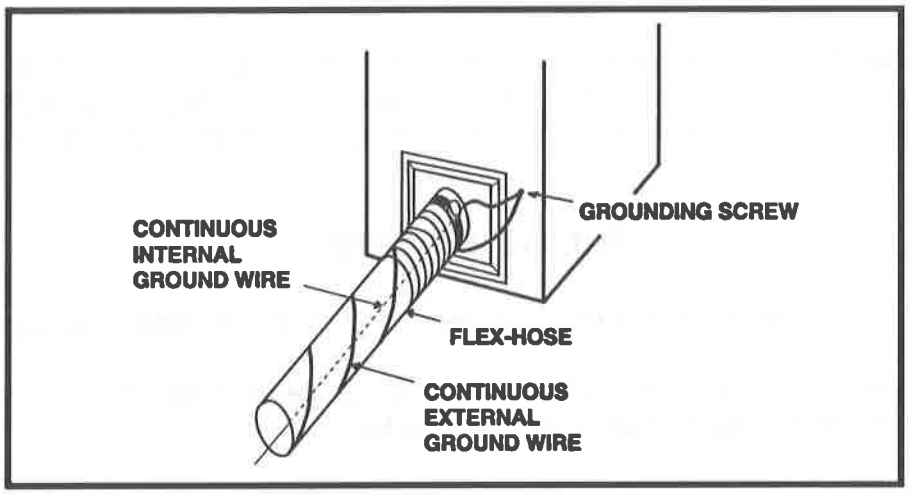


Figure 8 shows duct system grounded to woodworking machine frame.

C. TEST RUN

Assuming that all adjustments have been checked and the duct system if attached is grounded, you are now ready to test the machine. Please review the safety rules if you are unsure about the risks associated with operating this machine. Turn on the power supply at the main panel if not already on. Press the start button and have your finger on the stop button just in case there is a problem. The dust collector should run smoothly and be free of vibration or rubbing noises. Unusual or strange sounds or symptoms must be investigated and the problem corrected before proceeding further.

WARNING: Make sure the G1032 is unplugged and moving parts have come to a complete stop before investigating any problems or performing any maintenance or adjustments.

If everything is running smoothly, make a test of the dust collector. Ensure that the collector picks up sawdust freely and easily. If it does not, review the assembly process and/or your duct system.

Most of the heavier wood dust should swirl into the lower bag. The top bag filters fine dust and exhausts the air back into the room. Remember not to over-fill the lower bag. Over-filling creates a mess during bag removal and overworks the motor during operation.

XI. MAINTENANCE ITEMS

Since the motor shaft on this machine runs on shielded ball bearings, you will find that there is very little in the line of routine maintenance. However, a little maintenance does not mean that you should neglect all maintenance! Periodic maintenance will ensure safe operation, long dust collector life and low overall cost of operation.

A. LUBRICATION

Shielded and pre-lubricated ball bearings require no lubrication on your part for the life of the bearings. Bearing life is dependent upon use. However, you can reasonably expect years of trouble free operation even in a continuous use environment. All bearings are standard sizes.

B. OTHER ITEMS

Routinely check the condition of the following items and repair or replace as necessary:

1. Loose mounting bolts including, but not limited to impeller mounting bolt(s) and collector body, outlet and support bracket mounting bolts.
2. Worn switch.
3. Worn or damaged power cord and/or plug.
4. Worn or damaged collection bags and/or filter bags.
5. Any other condition that may affect safe operation of this machine.

IMPORTANT: Always empty the collection bag before it becomes full. Machine efficiency is greatly increased when the collection bag is empty and filter bag is clean.

XII. CLOSURE

The following pages contain machine specifications, a parts diagram, a parts list and warranty and return information for your Model G1032 Dust Collector.

You are welcome and encouraged to write or call the appropriate regional service department if you need service assistance. Our service staff will be glad to help you. If you wish to comment on this manual, please write to our Bellingham, Washington location.

Thank you again for your purchase. We sincerely appreciate your business and hope we have the opportunity to serve you again soon.

XIII. MACHINE DATA

GRIZZLY MODEL G1032 DUST COLLECTOR

Design Type: ..... Single Stage - Upright on Casters

Overall Dimensions & Specifications:

Base	15" x 25 5/8"
Height	56 1/2"
Intake Hole Size (One)	4"
Bag Size (Two Pieces)	14 1/2 x 23"
Bag Capacity (Each)	2.2 cu. ft.
Bag Material	Fabric
Weight (Shipping, 2 Cartons)	47 lbs. & 30 lbs.
Impeller Size	9"
Air Suction Capacity (CFM)	450 cfm
Static Pressure (Inches of Water)	2.76 @ 4"

Construction:

Base	Fabricated Sheet Metal with Casters
Impeller Type	Radial
Impeller Blade Thickness	3/32" Steel – Riveted On

Motor:

Type	Capacitor Start Induction Motor
Size	1 HP
Phase/Cycle	Single/60 HZ
Voltage	110/220V
Amps	8/4
RPM	3450
Bearings	Sealed & Lubricated-for-Life, Ball Bearing

Switch ..... On/Off Toggle with Safety Lock

Accessories:

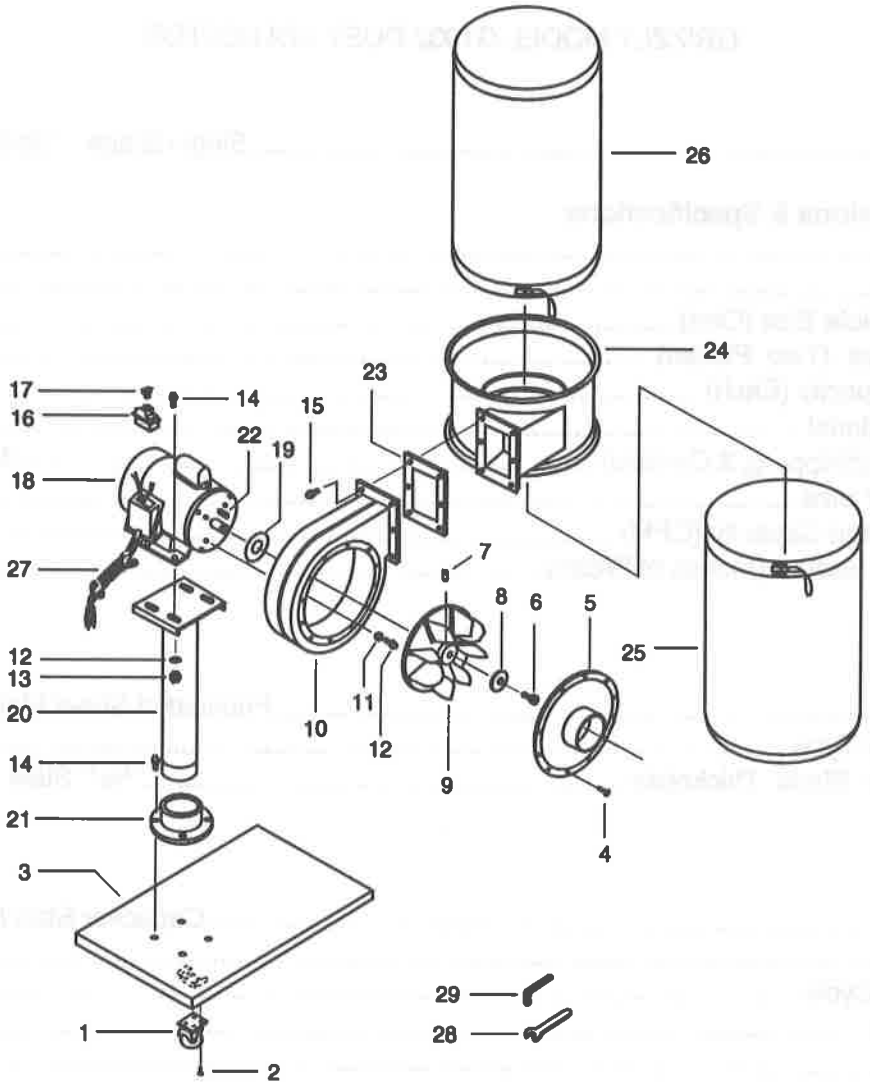
Extra Bags, Hose Clamps, Floor Sweep, Jointer Hood, Table Saw Hood

Flex-hose: 3" Dia. x 10' Length
3" Dia. x 50' Length
4" Dia. x 10' Length
4" Dia. x 25' Length

Fittings: Reducers 4" to 3" and 3" to 2", Elbows 3" and 4", Y's 3" and 4", T's 3" and 4", Splices 3" and 4", Blast Gates 3", 4", 5" and 6". (Refer to the catalog for current prices and shipping information.)

Specifications, while accurate, are not guaranteed.

XIV. PARTS DIAGRAM AND LIST



Part No.	Description
1.	Caster
2.	3/16" x 24 x 3/8" Pan Head
3.	Base Plate
4.	Pan Head Screw
5.	Inlet Cover
6.	M6 x 1.0 x 20 mm-LH
7.	Set Screw Soc. Hd.
8.	Washer
9.	Impeller
10.	Collector Body
11.	Washer
12.	5/16" x 18 x 3/8" Hex Bolt
13.	Nut
14.	5/16" x 18 x 3/4" Hex Bolt
15.	1/4" x 18 x 1/2" Hex Bolt

Part No.	Description
16.	Switch
17.	Key-Switch
18.	Motor
19.	Gasket
20.	Column
21.	Column Flange
22.	Key
23.	Rubber Gasket
24.	Collector
25.	Collection Bag
26.	Filter Bag
27.	Power Cord
28.	12mm Wrench
29.	5mm Allen Wrench

XV. WARRANTY AND RETURNS

Limited Warranty

Grizzly Imports, Inc. (Grizzly) warrants every product it sells for a period of 90 days on all parts and one year on all electric motors 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, the product or part must be returned to either our Bellingham or Williamsport warehouse, freight prepaid. Proof of purchase must accompany the merchandise. The manufacturers reserve the right to change specifications at any time as 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.

NOTES: