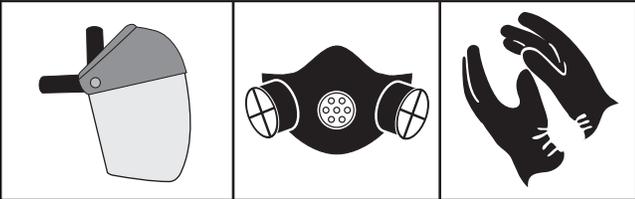




# MODEL G4012 3½ GALLON PARTS WASHER INSTRUCTIONS

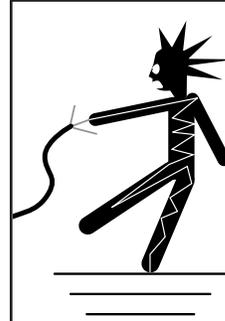
## ⚠ WARNING

Damage to your eyes, lungs, and skin could result from using this item without proper protective gear, such as face shield, a respirator, and rubber gloves.



If you need help with your new item, call our Tech Support at: (570) 546-9663.

## ⚠ WARNING



Electrocution or fire could result if machine is not grounded and installed in compliance with electrical codes.

## Specifications

Overall Size ..... 13"D x 17"W x 9½"H  
Tub Depth ..... 8½" Deep  
Maximum Liquid Level. 3½ Gallons or 4½" Deep  
Minimum Liquid Level..... 2 Gallons or 2½" Deep  
Nozzle Diameter ..... 3½mm  
Pump Motor ..... 110V, 0.7 Amp, 60 Hz  
Pump Output ..... 30 GPH  
Net Weight.....20 lbs.

## Full Load Amperage Draw

This machine draws the following amps under maximum load:

Amp Draw..... 0.7 Amps

## Power Supply Circuit Requirements

Only connect this parts washer to a power supply circuit that is protected with a GFCI (Ground Fault Circuit Interrupt) device. Never replace a circuit breaker on an existing circuit with one of higher amperage without consulting a qualified electrician to ensure compliance with wiring codes. **If you are unsure about the wiring codes in your area or you plan to connect your machine to a shared circuit, consult a qualified electrician.**

Power Supply Voltage ..... 110 Volts  
Minimum Circuit Size..... 10 Amps



Figure 1. Model G4012.

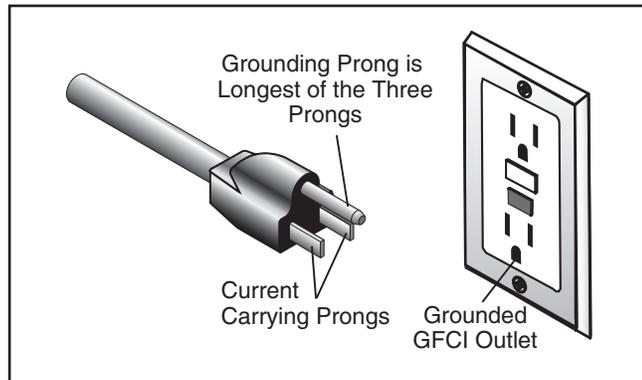
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**WARNING: NO PORTION OF THIS MANUAL MAY BE REPRODUCED IN ANY SHAPE OR FORM WITHOUT THE WRITTEN APPROVAL OF GRIZZLY INDUSTRIAL, INC.**

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## Power Connection Device

This machine comes with a plug, similar to **Figure 2**, to connect the machine to power. For improved electrical safety against fire or electrical shock, only connect this power cord to a GFCI protected circuit or receptacle (**Figure 2**).



**Figure 2.** Typical 5-15 plug and GFCI receptacle.

## Extension Cords

We do not recommend using extension cords, but if you find it absolutely necessary:

- Use at least a 16 gauge cord that does not exceed 50 feet in length!
- The extension cord must have a ground wire and plug pin.
- A qualified electrician **MUST** size cords over 50 feet long to prevent pump motor damage.

## Operation Safety

- **SAFE STORAGE.** Keep away from children and animals. Close the lid when not using the parts washer.
- **PLUG MODIFICATION HAZARD.** To avoid electrical shock, this machine must be grounded. Never modify the included plug to connect it to a two prong receptacle or extension cord.
- **PREVENTING ELECTRICAL SHOCK.** Only connect this parts washer to a properly grounded GFCI (Ground Fault Circuit Interrupt) receptacle. Test the GFCI receptacle operation according to switch manufacturer recommended intervals.
- **PREVENTING FIRE.** Do not fill this parts washer with gasoline, kerosene, fuel, or flammable solvents. Do not disconnect or modify the lid support lever in any way. The lid lever is specially designed to automatically close in the event of a fire. Keep an appropriate class fire extinguisher close at hand.
- **SAFE USAGE.** Never smoke or use a drop light, or any other ignition source near the parts washer. An ignition source or electrical device that falls into the cleaning solution can cause fire or electrocution.
- **PERSONAL PROTECTION.** To prevent personal toxic exposure, always wear gloves, goggles, an apron, and a respirator when using or changing the parts washer liquid. Wash your hands with soap and water after every use.
- **LOCATION.** Make sure that the parts washer is located in an area with adequate ventilation to prevent a buildup of vapors, and always keep the parts washer away from all ignition sources.
- **MAINTENANCE.** Clean or replace tank filter before it becomes clogged, and inspect for leaks. Follow OSHA, EPA, and the manufacturer's solution replacement schedules and disposal regulations.



## Selecting a Solvent

This heavy-duty welded steel parts washer has a 6 gallon work-space volume, but is designed to hold a maximum of 3½ gallons of liquid. Do not overfill. Not every cleaning solution is safe to use in your parts washer. NEVER USE GASOLINE, KEROSENE, FUELS, STRIPPERS, OR ACIDS OF ANY KIND IN THIS PARTS WASHER.

We recommend non-flammable cleaning solutions with a PH between 6 and 8, but due to the changing formulas of cleaning solutions and changing laws and regulations, we cannot name a specific solution for you.

Some solutions can be highly flammable and may damage pump and motor seals, and others can react with what you may be cleaning and produce harmful fumes.

If you are in doubt about any aspect of your selected solution, contact the solution manufacturer or refer to its Materials Safety Data Sheet (MSDS) information, which often can be found on the internet also. It is your responsibility to select a safe solution.

Never run this parts washer if the tank is empty or if the filter is clogged. If you do, pump damage will occur.

## Operation

Use the switch to turn on the pump and spray fluid from the nozzle. Parts may also be dunked or soaked in the solvent and cleaned with a brush.

**! WARNING**  
**BIOLOGICAL and POISON  
HAZARD!**



**This parts washer is designed to store cleaning solutions. During storage, some liquids can grow dangerous microbes, or due to the collection of toxic metal and contaminants from the items being washed, the fluid can become a very poisonous solution to humans and animals.**

**USE the correct personal protection equipment when handling sharp workpieces to prevent cuts, infections, and poisoning.**

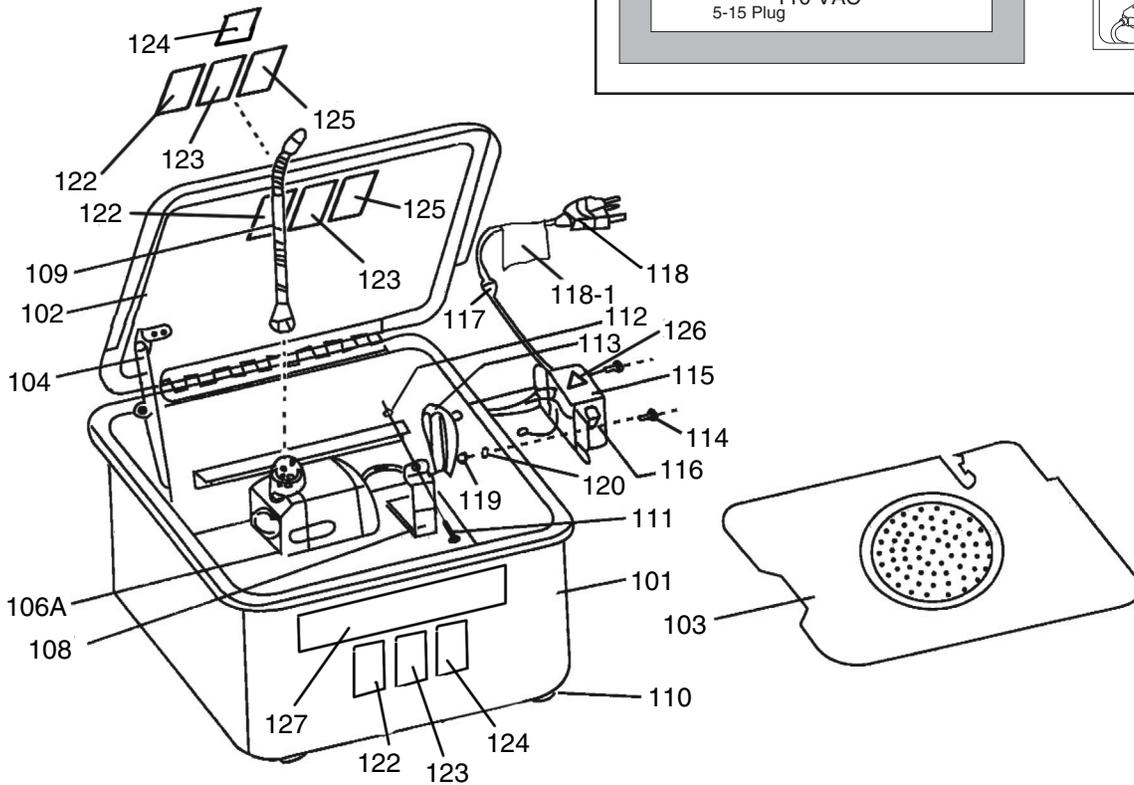
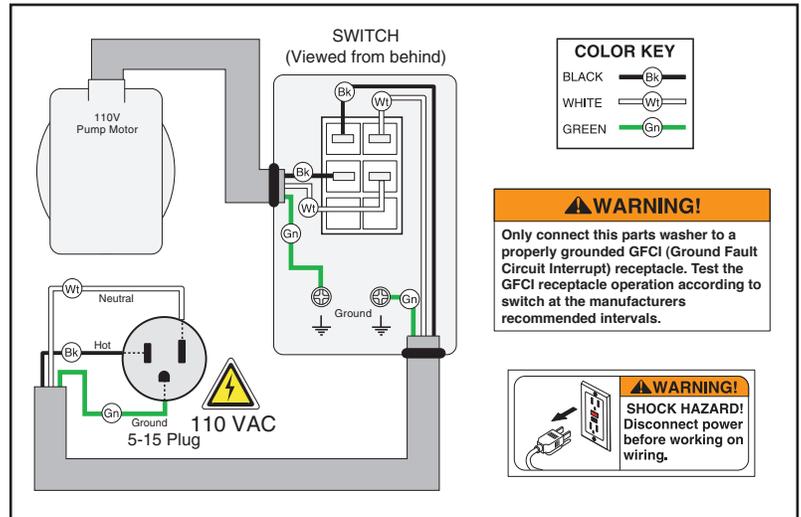
**FOLLOW OSHA, EPA, and the fluid manufacturer's requirements to properly dispose of cleaning liquids when it becomes time to change the liquid.**

**! WARNING**

**USE this parts washer with caution and respect. Always consider safety first, as it applies to your individual working conditions. No list of safety guidelines can be complete—every shop environment is different. Failure to follow safety guidelines could result in serious personal injury or death.**



# Parts and Electrical



REF	PART #	DESCRIPTION
101	P4012101	TUB
102	P4012102	LID
103	P4012103	WORKTABLE
104	P4012104	COMPLETE FIRE FUSE LINK ASSY
106A	P4012106A	PUMP W/POWER CORD V2.11.06
108	P4012108	PUMP CLAMP
109	P4012109	FLEX HOSE W/NOZZLE
110	P4012110	FOOT
111	PS60M	PHLP HD SCR M5-.8 X 30
112	PN06M	HEX NUT M5-.8
113	P4012113	COVER
114	PS09M	PHLP HD SCR M5-.8 X 10
115	P4012115	SWITCH BOX W/SWITCH

REF	PART #	DESCRIPTION
116	P4012116	WATERPROOF SWITCH
117	P4012117	STRAIN RELIEF
118	P4012118	POWER CORD 110V
118-1	P4012118-1	GFCI WARNING LABEL
119	PN06M	HEX NUT M5-.8
120	PLW01M	LOCK WASHER 5MM
122	P4012122	EYE SKIN HAZARD LABEL
123	P4012123	NO SMOKING LABEL
124	P4012124	FLAMMABLE WARNING LABEL
125	P4012125	RUBBER GLOVES WARNING LABEL
126	PLABEL-14	ELECTRICITY LABEL
127	P4012127	DATA LABEL

