

Eastwood[®]

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Item #31875

40 GALLON PARTS WASHER

INSTRUCTIONS



The **EASTWOOD 40 GALLON PARTS WASHER** is specifically designed with heavy-duty, all steel components and a quality powdercoated finish to provide years of trouble-free service. It features a re-useable filter and an oversize Tub accepts larger parts and allows longer fluid life.

CONTENTS

Components:

- (1) 40 Gallon Tub with attached Lid [A]
- (4) Legs [B]
- (1) Storage Shelf [C]
- (1) Pump box assembly with Power Cord [D]
- (1) Flexible, positionable 24" metal "Gooseneck" Fluid Outlet Tube with Nozzle [E]
- (1) Parts Tray [F]
- (1) Small Parts Bin [G]

Hardware:

- (25) M6 x 12mm Screws
- (25) M6 Lock Washers
- (25) M6 Nuts



SPECIFICATIONS

- Current Requirement:** 120 Volt AC, 60hz
Max. Pump Capacity @ Outlet: 5.3 gallons per minute
Capacity: 40 gallon tub, 24 gallon operating

SAFETY INFORMATION

The following explanations are displayed in this manual, on the labeling, and on all other information provided with this product:

⚠ DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

⚠ CAUTION

CAUTION used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

⚠ NOTICE

NOTICE is used to address practices not related to personal injury.



⚠ READ INSTRUCTIONS

- Thoroughly read and understand these product instructions before using the Parts Washer.
- Keep these product instructions for future reference.



⚠ DANGER FIRE OR EXPLOSION HAZARD!

- **DO NOT** use solvent based or flammable cleaning agents in this parts washer. The recirculating pump is designed to operate with water-based cleaning agents only. Solvents will destroy the pump and could present a fire hazard.
- **NEVER** let parts washer run while unattended. Clogging of the filter and resulting overheating of the pump motor can occur.



⚠ CAUTION EXPOSURE TO CLEANING FLUIDS CAN BE A HEALTH HAZARD!

- Contents can splash into eyes. Wear ANSI Z87 approved eye protection while using Parts Cleaner.
- Be sure to follow all precautions listed on fluid containers before using.
- Wear appropriate chemical resistant gloves while handling fluids.



⚠ CAUTION INJURY HAZARD!

- To avoid possible personal injury and property damage, **DO NOT** allow the Fluid Outlet Tube and Cleaning Fluid to spray outside the walls of the Parts Cleaner.
- **DO NOT** attempt to move the Parts Washer while full. Always drain the Parts Washer before moving.



⚠ CAUTION PINCH HAZARD!

- Always keep hands and fingers away from spring loaded Parts Washer Lid and Support Mechanism when closing.



⚠ CAUTION SHOCK HAZARD!

- Always plug into an approved, grounded and GFI equipped 120 Volt AC, 60hz. Outlet.
- For indoor use only.



⚠ NOTICE

- **DO NOT** use paint or powder dissolving solutions that would remove the powdercoated finish of the Tub and components.
- Used degreasing fluids are hazardous materials and should be disposed of in compliance with local regulations.

⚠ WARNING ELECTRICAL SAFETY

Read all instructions. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

The term “power tool” in all of the warnings listed below refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

1) ELECTRICAL SAFETY

- a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- b) Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.

2) PERSONAL SAFETY

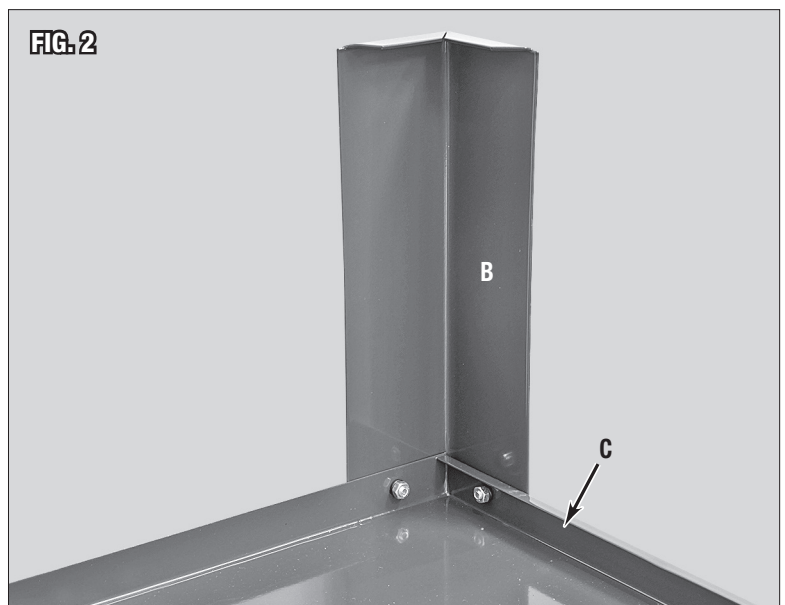
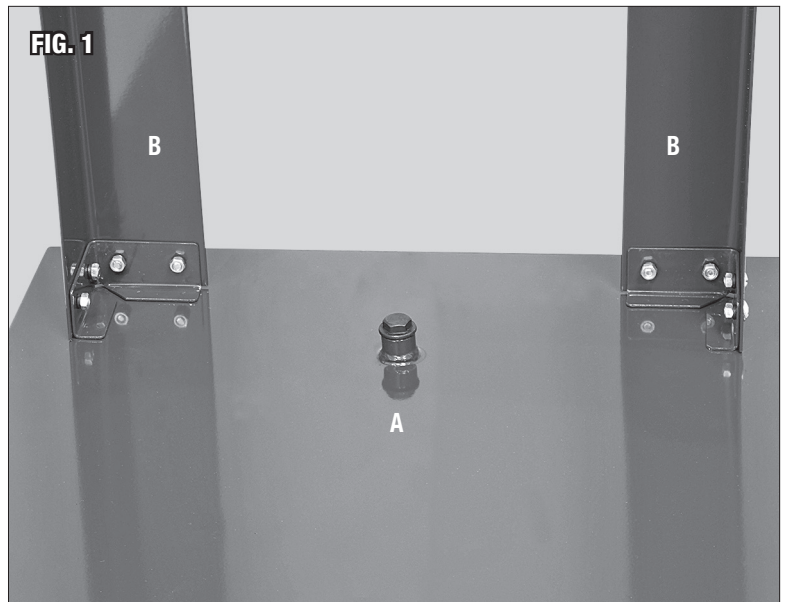
- a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- b) Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c) Avoid accidental starting. Ensure the switch is in the off-position before plugging in. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.
- d) Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- f) Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.
- g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust-related hazards.

3) POWER TOOL USE AND CARE

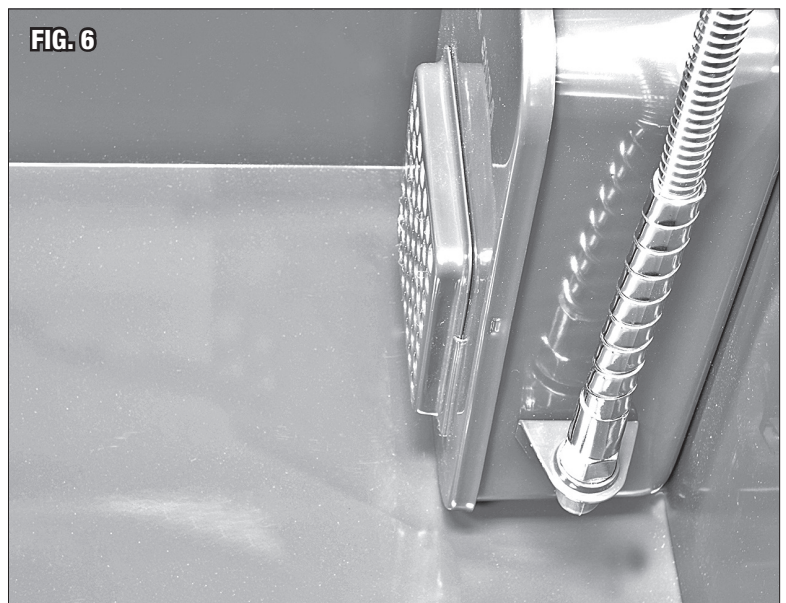
- a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

ASSEMBLY & SET-UP

- With spring loaded lid closed, place Tub unit **[A]** upside down on a non-scratching surface (cardboard, carpet etc.).
- Attach each of the 4 legs **[B]** with 4 sets each of 6mm screws, lockwashers and nuts to the brackets on the Tub unit (**FIG 1**). Tighten with a 10mm wrench and either a large Phillips or Straight Blade screwdriver (not included).
- Attach Storage Shelf **[C]** to holes located mid-way of the 4 legs **[B]** with 2 sets each of 6mm screws, lockwashers and nuts (**FIG 2**). Tighten with a 10mm wrench and either a large Phillips or Straight Blade screwdriver (not included).
- With the aid of a helper, flip the entire unit right side up onto it's feet and carefully open the spring loaded lid.
- Grasp Pump Box Assembly **[D]** with the Switch Box upward and facing outward then pass the Power Cord and Switch Box through the rectangular cutout at the upper right rear wall of the Tub (**FIG 3**).



- Push the Flange of the Offset Panel behind the Switchbox down over the lower edge of the Tub wall cutout (**FIGS 4 & 5**).
- Thread the fitting of the Flexible Metal “Gooseneck” Fluid Outlet Tube **[E]** onto the Pump outlet (**FIG 6**) and lightly snug down with a 19mm wrench (not included).
- Set the Parts Tray **[F]** on the rails welded to the inside wall of the Tub.

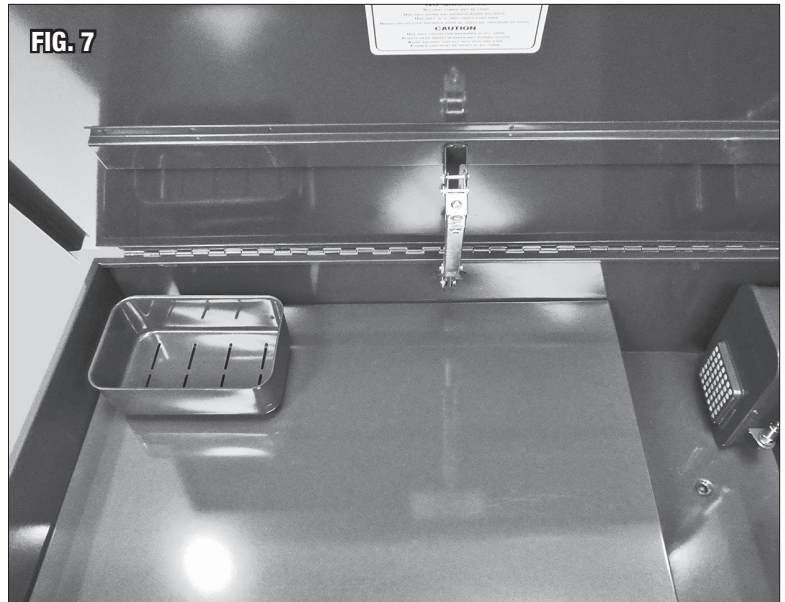


- Place the Small Parts Bin [G] on top of the Parts Tray [F] as needed (FIG 7).
- Check that the Drain Plug (located at the right underside of the Tub Floor) is tight using a 17mm wrench (not included).
- Make sure the Nozzle of the Flexible Metal “Gooseneck” Fluid Outlet Tube is facing in toward the center of the Tub and downward.
- Fill unit with a suitable, good quality water-based degreasing solution sufficiently to cover the entire Inlet Filter (approx. 24 gallons).

▲ NOTICE

Follow degreasing solution mixing, usage and safety label instructions carefully before using.

- Plug power cord into an approved, grounded and GFI equipped 120 Volt AC, 60hz. Outlet.
- Turn Power Switch to the “On” position. The Parts Washer is now ready for use.



OPERATION

- Place parts to be cleaned on the Parts Tray. Small parts may be placed in the Small Parts Bin.
- Bend “Gooseneck” so that cleaning solution to flows completely over the part surface, wetting it completely. Allow time for solution to soften any grease and debris then use a suitable parts cleaning brush (not included) to remove stubborn deposits.
- Allow excess solution to drain from parts then remove from washer and rinse in warm water.
- When done, turn pump to the off position, close lid and unplug unit.

MAINTENANCE

- Unplug unit, remove filter and clean it after every hour of use. Clean more often if removing excessively heavy deposits of grease and grit.

▲ NOTICE

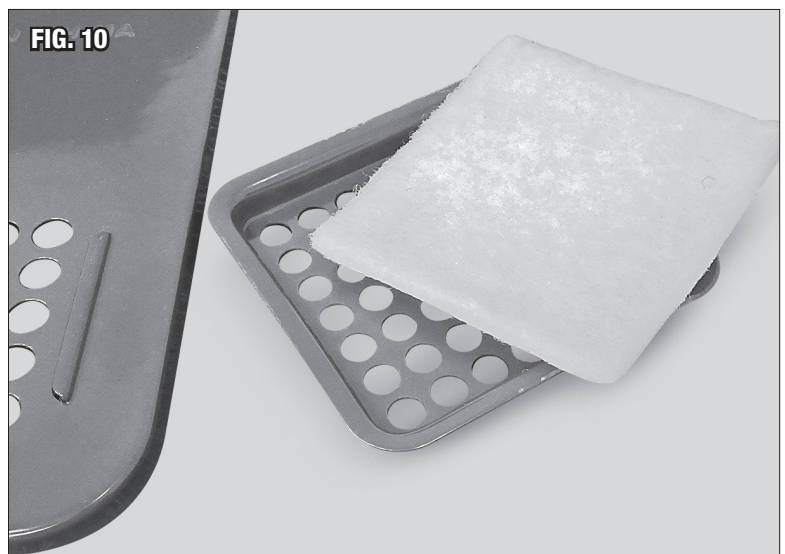
Failure to clean filter will result in diminished fluid flow, cleaning effectiveness and eventual pump motor failure.

FILTER REMOVAL AND CLEANING

- Unplug unit.
- Remove the entire Pump Box assembly [D] including the cord from the opening at the right side of the Tub [A] by lifting upwards to release the retaining flange and moving it inward.
- Firmly grasp the side edges of the Pump Box Lid and remove it by pulling it away from the Pump Box (FIG 8).
- Remove the perforated Filter Media Cover from the Pump Box Lid by sliding it up firmly (FIGS 9 & 10) and remove Filter Media.
- Clean Filter Media Pad by washing it then replace it into the perforated Filter Media Cover and slide into place under raised-ribs of the Pump Box Lid.
- Snap Pump Box Lid back into place and return the Pump Box to it's original position on the right side Tub wall.

NOTE: If it becomes apparent that the filter requires cleaning more often, it is likely that the cleaning solution needs to be replaced and an accumulation of sediment from the Tub bottom needs to be removed.

- **To drain solution:** Using a 17mm wrench, remove drain plug and drain cleaning solution into suitable containers and dispose of properly.
- If filter cleaning does not restore pump performance, an accumulation of dirt and grit may be present in the Pump and/or Flexible Metal "Gooseneck" Fluid Outlet Tube.
 - Unplug unit and remove pump and filter assembly from Tub.
 - Remove Flexible Metal "Gooseneck" Fluid Outlet Tube and check for obstructions lodged in tube and remove.



If you have any questions about the use of this product, please contact

The Eastwood Technical Assistance Service Department: 800.343.9353 >> email: tech@eastwood.com

PDF version of this manual is available at eastwood.com

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