

Assembly Guide

**Portable Parts Washer Cart
(20 Gallon Tank)**

555-81603



Read Before Use

Thank you for your purchase of this JEGS Portable Parts Washer Cart. Please be sure to read this assembly guide to ensure proper assembly and usage.

You will need these instructions for the safety warnings, precautions, assembly, operation, maintenance procedures, parts list and diagrams. Keep your invoice with these instructions. Keep the instructions and invoice in a safe, dry place for future reference.

Before installation verify kit components.

If you have any assembly or usage issues, or if this portable parts washer cart is damaged, please contact customer service at: 1.800.345.4545.

Return Information: *Once the parts washer has been modified, it will not be accepted for return.*

WARNING

The warnings, cautions and instructions discussed in this manual cannot cover all possible conditions or situations that could occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Specifications

Tank Size:.....28" x 19" x 8.2"

Assembled Size:.....38" x 21.5" x 37"

Electrical Requirements:.....110V/60HZ
(230V/50HZ)

Pump Capacity:.....317 Gph

Weight:.....71.5 Lbs.

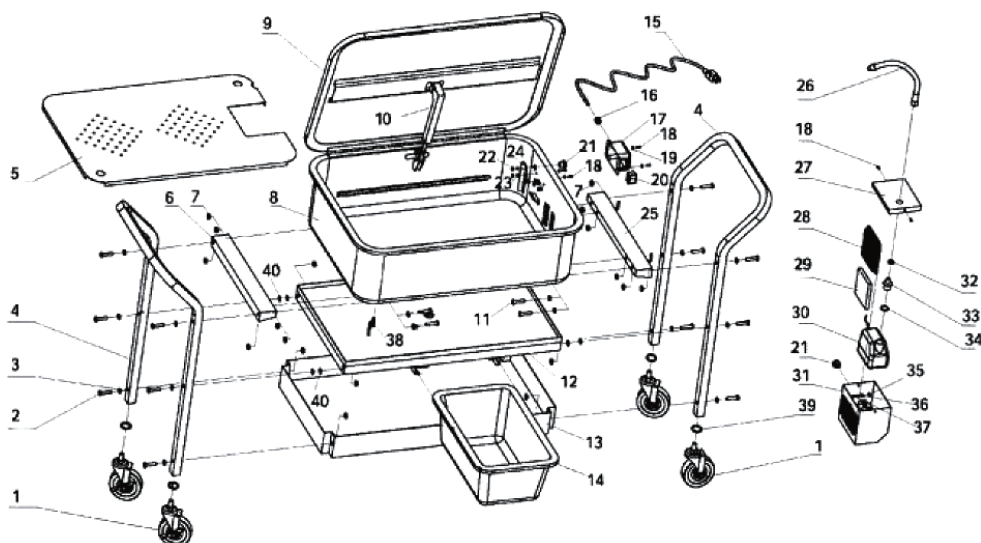
Power Source Connection

POWER REQUIREMENTS

This parts washer is designed to operate on a properly grounded voltage, single -phase alternating current (AC) power source fused with a 20 amp time-delayed fuse, or circuit breaker. It is recommended that a qualified electrician verify the **ACTUAL VOLTAGE** at the receptacle into which the parts washer will be plugged and confirm that the receptacle is properly fused and grounded.

DO NOT OPERATE THIS PRODUCT if the **ACTUAL** power source voltage is more or less 10% than the correct voltage. Contact a qualified electrician if this problem exists. Improper performance and/or damage to the product will result if operated on inadequate or excessive power.

Parts Breakdown



Part No.	Description	Qty.	Part No.	Description	Qty.	Part No.	Description	Qty.
1	Castor	4	15	Power Cord	1	29	Filter Screen	1
2	Bolt	12	16	Cable Clamp	1	30	Pump Assembly	1
3	Flat Washer	32	17	Switch Box	1	31	Pump Housing	1
4	Handle	2	18	Screw	7	32	Grommet	1
5	Wash Board	1	19	Flat Washer (M4)	7	33	Spigot	1
6	Left Tank Mount	1	20	Power Switch	1	34	Grommet	1
7	Lock Nut	16	21	Cable Guard	2	35	Hex Nut (M5)	1
8	Tank	1	22	Hex Nut (M4)	5	36	Flat Washer	1
9	Tank Lid	1	23	Lock Washer	5	37	Screw (M5 x 20)	1
10	Lid Prop	1	24	Wire Flange	1	38	Drain Plug	1
11	Short Bolt	8	25	Right Tank Mount	1	39	Lock Washer	4
12	Middle Level	1	26	Flexible Nozzle	1	40	Adjusting Washer	8
13	Lower Level	1	27	Pump Housing Cover	1			
14	Drain Tank	1	28	Filter Cover	1			

Assembly

LOWER SHELF

1. Locate the two Handles (04) and the Lower Shelf (13).
2. Align the holes in the bottom of the Handles with the 4 holes in the corners of the Lower Shelf.
3. Place Flat Washer (03) onto Bolt (02) and insert Bolt through Handle and Lower Shelf.
4. Place Flat Washer (03) and Lock Nut (07) onto end of Bolt and hand tighten.
5. Repeat steps 3-4 for remaining holes in Lower Shelf.

NOTE: Do not fully tighten nuts at this time.

MIDDLE SHELF: PARTS DRYING

1. Locate the Middle Shelf (12) and the Tank Drain (14).
2. Insert the Tank Drain into the slots located in the bottom of Middle Shelf
3. Align the holes in the 4 corners of the Middle Shelf with the holes in the middle of the Handles.
4. Place Flat Washer onto Bolt and insert Bolt through Handle and Middle Shelf.
5. Place Flat Washer and Lock Nut onto end of Bolt and hand tighten.
6. Repeat steps 4-5 for remaining holes in Middle Shelf

NOTE: Do not fully tighten nuts at this time.

TANK MOUNTS

1. Locate the Left Tank Mount (06) and Right Tank Mount (25).

Note: Right Tank Mount has hooks for electrical cord storage.

2. Align the holes in the Left Tank Mount with the uppermost holes in either Handle.
3. Place Flat Washer onto Bolt and insert Bolt through Handle and Left Tank Mount.
4. Place Flat Washer and Lock Nut onto end of Bolt and hand tighten.
5. Repeat steps 3-4 for remaining hole in Left Tank Mount.
6. Align the holes in the Right Tank Mount with the holes in the remaining Handle. Hooks on Right Tank Mount should be facing AWAY from center on unit.
7. Follow steps 3-5 to install Right Tank Mount.

NOTE: Do not fully tighten nuts at this time.

TANK

NOTE: You may need a second person to help properly align the Tank to the Tank Mounts.

1. Place Flat Washer onto Short Bolt (11) and insert through hole in Tank Mount.
2. Place the Adjusting Washer onto the Short Bolt.
3. Slide the end of the Short Bolt through

Assembly

the hole in the mounting bracket on Tank (08) bottom.

4. Place Flat Washer and Lock Nut onto end of Short Bolt and hand tighten.
5. Repeat steps 1-4 for remaining seven holes in Tank Mounts.

NOTE: The Power Switch is located on the RIGHT side of the Tank and should be positioned above the RIGHT Tank Mount.

TIGHTEN THE HARDWARE

1. At this time, fully tighten all of the Lock Nuts onto the bolts which were installed in the previous section

MOUNTING THE PUMP

1. Align the slots on the rear of the Pump Housing (31) with the tabs on the inner right side of the Tank.
2. Carefully slide the Pump Housing slots onto the tabs of the Tank.
3. Lower the Pump Housing until it is resting on the Tank bottom.

WASHBOARD

1. Position the Washboard (05) so that the lipped edges are facing down and the rectangular cut-out is on the right side.
2. Place your index fingers through the holes located at the front left and right rear of the Washboard.

3. Align the lipped edges of Washboard with the mounting brackets on inner Tank walls and gently lower into place.

CASTERS

1. Locate the four Castors (01) and the four Spring Washers (39).
2. Place a Spring Washer onto the threaded end of Castor
3. Insert Castor threads into hole on bottom of Handle.
4. Tighten Castor in place with wrench.
5. Repeat steps 2-4 for other Castors.

NOTE: Two Castors have locks these should be installed side by side, to allow you to control movement of the Parts Washer.

INSTALLING YOUR PARTS WASHER

1. Sit it on firm, flat, level surface in a well ventilated area and away from any open flames.
2. Fill only with a non-flammable water-based degreaser or cleaning agent, such as JEGS 555-72302 (1 Gal.) or 555-72336 (2 Gal.) cleaner and degreaser (approximately 12 gallons).
3. Follow the degreaser manufacturer's instructions carefully.
4. Do not fill with flammable solvents such as kerosene, gasoline, etc.

Operation

WARNING

Your parts washer may be damaged if you use solvents other than those listed on Pg.4 of this manual.

Always wear protective clothing, gloves, and goggles when using your Parts Washer

1. Open the Parts Washer Lid (09) and then place the parts to be washed on the washboard.
2. Position the Flexible Nozzle (26) so that it is directly above your parts.
3. Start the pump by turning the Power Switch (20) to the ON position.
4. Clean parts as needed.
5. Turn Power Switch to the OFF position.
6. Place parts on Drying Shelf until they are completely dry.
7. Empty Drain Tank, as needed, by sliding it out of Drying Shelf brackets.

WARNING

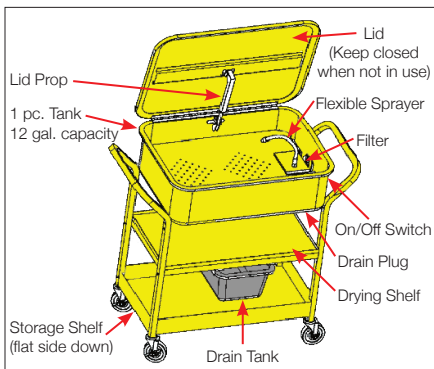
Clean off any accidental splashes of degreaser on skin immediately, following the degreaser manufacturer's instructions carefully. Seek medical attention if necessary.

WHEN NOT IN USE

1. Switch off pump, close the lid and disconnect from the electrical supply.
2. Disconnect from the electrical supply before carrying out any maintenance or cleaning on the parts washer.

MAINTENANCE

1. The lid incorporates a fusible link to close the lid in the event of a fire. This link is non-resetting and must be replaced once it has been triggered.
2. Clean the pump filter regularly by sliding it away from the pump housing and rinsing in clean degreaser.
3. Do not allow the level of liquid in the parts washer to fall below the pump inlet, as damage to the pump can result.
4. Change degreaser as needed. Tank can be drained by removing the Drain Plug (38) located on bottom of Tank.



Safety Precautions

1. Know your tool. Read this manual carefully. Learn the tool's applications and limitations, as well as specific potential hazards peculiar to it.
2. Ground the tool. This parts washer is equipped with three-pin plug, and should be plugged into a three-pin electrical socket. Never remove the ground pin.
3. Do not abuse cord. Never use the cord to carry tools or pull the plug from an outlet. Keep cord away from heat, sharp edges or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.
4. Keep work area clean and well lit. Cluttered or dark work areas invite accidents.
5. Keep children away. All children should be kept away from the work area. Never let a child handle this parts washer without strict adult supervision.
6. Do not operate the parts washer if under the influence of alcohol or drugs. Read warning labels on prescriptions to determine if your judgment or reflexes are impaired while taking drugs. If there is any doubt, do not operate.
7. Use safety equipment. Eye protection should be worn at all times when operating this tool. Use ANSI approved safety glasses. Everyday eyeglasses only have impact resistant lenses. They are NOT safety glasses. A dust mask, and non-skid safety shoes should be used in appropriate conditions.
8. Wear proper apparel. Loose clothing, neckties, rings, bracelets, or other jewelry may present a potential hazard when operating this parts washer. Please keep all apparel clear of the tool.
9. Don't overreach. Keep proper footing and balance at all times when operating this parts washer.
10. Always disconnect the parts washer from the power source before making any adjustments, storing, servicing, or changing accessories. Such preventative safety measures reduce the risk of starting the tool accidentally.
11. Do not use the parts washer if the switch does not work. Any tool that cannot be controlled with the switch is dangerous and needs to be repaired.
12. Check for damage. Check your tool regularly, if part of the tool is damaged it should be carefully inspected to make sure that it can perform its' intended function correctly. If in doubt, the part should be repaired. Refer all servicing to a qualified technician. Consult your dealer for advice.
13. Keep away from flammables. Do not attempt to operate this tool near flammable materials or combustibles. Failure to comply may cause serious injury or death.
14. Store out of the reach of children and untrained persons when not in use.

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