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› [JEGS](#) /

› [JEGS 81603 Portable Parts Washer Cart Instruction Manual](#)

JEGS 81603

JEGS 81603 Portable Parts Washer Cart Instruction Manual

Model: 81603

IMPORTANT SAFETY INFORMATION

Please read and understand all safety warnings and instructions before operating the JEGS 81603 Portable Parts Washer Cart. Failure to follow these instructions may result in serious injury or property damage.

- **Use only non-flammable, water-based degreasers or cleaning agents.** Never use flammable solvents, gasoline, or other combustible liquids.
- Fill the tank to just below the level of the parts tray to prevent overflow and ensure proper pump operation.
- The lid is equipped with a fire protection fusible link that automatically closes in case of fire. Ensure the lid can close freely.
- Always wear appropriate personal protective equipment, including safety glasses and chemical-resistant gloves, when operating the parts washer.
- Ensure the unit is plugged into a properly grounded 110/120V outlet.
- Keep the work area well-ventilated.
- Do not leave the unit unattended while in operation.
- Keep children and unauthorized personnel away from the parts washer during use.

PRODUCT OVERVIEW

The JEGS 81603 Portable Parts Washer Cart is designed for efficient and convenient cleaning of automotive parts and tools. Its mobile design allows for easy maneuverability in your garage or shop.



Front view of the JEGS 81603 Portable Parts Washer Cart with the lid open, showing the internal components and flexible nozzle.

Key Features:

- Large 20-gallon tank capacity with a 12-gallon solvent working capacity.
- High-flow pump with a flexible wash nozzle for targeted cleaning.
- Smooth-rolling 4-inch polyurethane casters (two locking, two non-locking) for easy mobility.
- Convenient storage shelf to keep parts organized.
- Drying shelf with a drain hole and a removable plastic drain pan.
- Constructed from heavy-duty 20-gauge steel with a yellow powder-coat finish for corrosion resistance.
- Integrated washer tank drain plug for easy fluid changes.



Top-down view of the parts washer tank, illustrating the removable parts tray both in place and removed.

SETUP AND ASSEMBLY

The JEGS 81603 Parts Washer Cart requires some assembly before first use. Refer to the detailed assembly instructions included in your product packaging for step-by-step guidance. Key steps typically include:

1. Attach the casters to the base of the cart. Ensure locking casters are placed in desired positions.
2. Assemble the cart frame and shelves according to the diagrams.
3. Secure the parts washer tank onto the top of the cart frame.
4. Connect the pump and flexible nozzle to the tank.
5. Ensure all connections are secure and the power cord is properly routed.



Side view of the parts washer cart, highlighting the power cord and the easily accessible on/off switch for the pump.

OPERATING INSTRUCTIONS

1. Filling the Tank

- Ensure the unit is on a level surface and the drain plug is securely closed.
- Pour approximately 12 gallons of a non-flammable, water-based degreaser or cleaning agent into the tank.
- Do not overfill; the liquid level should be just below the parts tray to prevent splashing and ensure efficient pump operation.

2. Cleaning Parts

- Place the parts to be cleaned onto the parts tray inside the tank.
- Plug the parts washer into a 110/120V electrical outlet.
- Turn on the pump using the power switch located on the side of the unit.
- Direct the flexible wash nozzle towards the parts to spray the cleaning solution.
- Use a brush (not included) to scrub stubborn grime while the solution is flowing.
- Once cleaned, allow excess fluid to drain back into the tank. You can place parts on the drying shelf for further draining.
- Turn off the pump when finished.



Close-up view of the flexible wash nozzle and the pump's filtration system within the parts washer tank.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your parts washer.

1. Draining the Tank

- When the cleaning solution becomes excessively dirty or needs replacement, drain the tank.
- Place a suitable container (e.g., a bucket) beneath the drain plug located at the bottom of the tank.
- Unscrew the drain plug to allow the fluid to empty.
- Dispose of used cleaning solution according to local environmental regulations.
- Once drained, securely re-install the drain plug.



Close-up view of the washer tank drain plug, located at the bottom of the main tank for easy fluid removal.

2. Cleaning the Unit

- Regularly clean the parts tray and the interior of the tank to remove sludge and debris.
- The drying shelf features a removable plastic drain pan for easy cleaning. Remove the pan, empty any collected fluid, and wash it as needed.
- Inspect the pump filter periodically and clean it to ensure unrestricted flow of the cleaning solution.
- Wipe down the exterior of the cart with a damp cloth to maintain its yellow powder-coat finish.



Drying Shelf with Drain Hole

Removable Drain Pan

The drying shelf, showing its integrated drain hole and the removable plastic drain pan for convenient collection of excess fluid.

TROUBLESHOOTING

If you encounter issues with your parts washer, refer to the following common troubleshooting tips:

- **Pump not operating:** Check if the unit is properly plugged into a live 110/120V outlet. Ensure the power switch is

in the 'ON' position. Verify that the pump filter is not clogged.

- **Low fluid flow:** Check the fluid level in the tank; ensure it is sufficient for the pump to operate. Inspect the pump filter and flexible nozzle for any blockages.
- **Excessive splashing:** Ensure the tank is not overfilled. The fluid level should be just below the parts tray.
- **Lid not closing properly:** Check for any obstructions around the lid hinges or the fusible link mechanism.

For persistent issues, contact JEGS customer support.

TECHNICAL SPECIFICATIONS

Specification	Detail
Model Number	81603
Tank Capacity	20 Gallons
Solvent Working Capacity	12 Gallons
Voltage	110V/60HZ
Pump Output	317 gph
Assembled Dimensions (L x W x H)	38 in. x 21 1/2 in. x 37 in.
Tank Size (L x W x H)	28 in. x 19 in. x 8 1/2 in.
Casters	(4) 4 in. diameter (2 locking, 2 non-locking)
Material	Heavy-duty 20-gauge steel, Polyurethane
Color	Yellow
Item Weight	71.5 lbs (product description) / 80 lbs (specifications)
Special Feature	Portable

WARRANTY AND CUSTOMER SUPPORT

JEGS is committed to providing quality products and support.

- **Returns:** This product is eligible for 30-day easy returns. Please refer to the retailer's return policy for details.
- **Customer Support:** For any questions, technical assistance, or warranty claims, please contact JEGS customer support directly. You can visit the [JEGS Store on Amazon](#) or refer to the contact information provided in your product packaging.

