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› [Shop-Vac 5801611 16-Gallon Wet/Dry Vac Instruction Manual](#)

### Shop-Vac 5801611

# Shop-Vac 5801611 16-Gallon Wet/Dry Vac Instruction Manual

Model: 5801611

## INTRODUCTION AND SAFETY INFORMATION

This manual provides essential instructions for the safe and effective operation, maintenance, and troubleshooting of your Shop-Vac 5801611 16-Gallon Wet/Dry Vac. Please read all instructions carefully before use and retain this manual for future reference.

### Important Safety Instructions

- Always disconnect the plug from the electrical outlet before removing the tank cover or changing filters.
- Do not leave the vacuum unattended when plugged in. Unplug from outlet when not in use and before servicing.
- Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
- Do not vacuum anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
- Do not allow to be used as a toy. Close attention is necessary when used by or near children.
- Use only as described in this manual. Use only manufacturer's recommended attachments.
- Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to a service center.
- Do not pull or carry by cord, use cord as a handle, close a door on cord, or pull cord around sharp edges or corners. Do not run appliance over cord. Keep cord away from heated surfaces.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Do not handle plug or appliance with wet hands.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Do not use without filters in place.
- Turn off all controls before unplugging.
- Use extra care when cleaning on stairs.
- Do not use to pick up fine dust without a high-efficiency filter bag.

## PRODUCT OVERVIEW

The Shop-Vac 5801611 is a versatile 16-gallon wet/dry vacuum featuring SVX2 Motor Technology for enhanced power and durability. It is designed for various cleaning tasks in workshops, garages, and basements, capable of handling both wet and dry debris. The unit also includes a rear blower port for added functionality.



Image: Front view of the Shop-Vac 5801611 16-Gallon Wet/Dry Vac, showcasing its black and red design with the Shop-Vac logo.

## Accessory Dimensions

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**DIAMETER  
TOOLS**

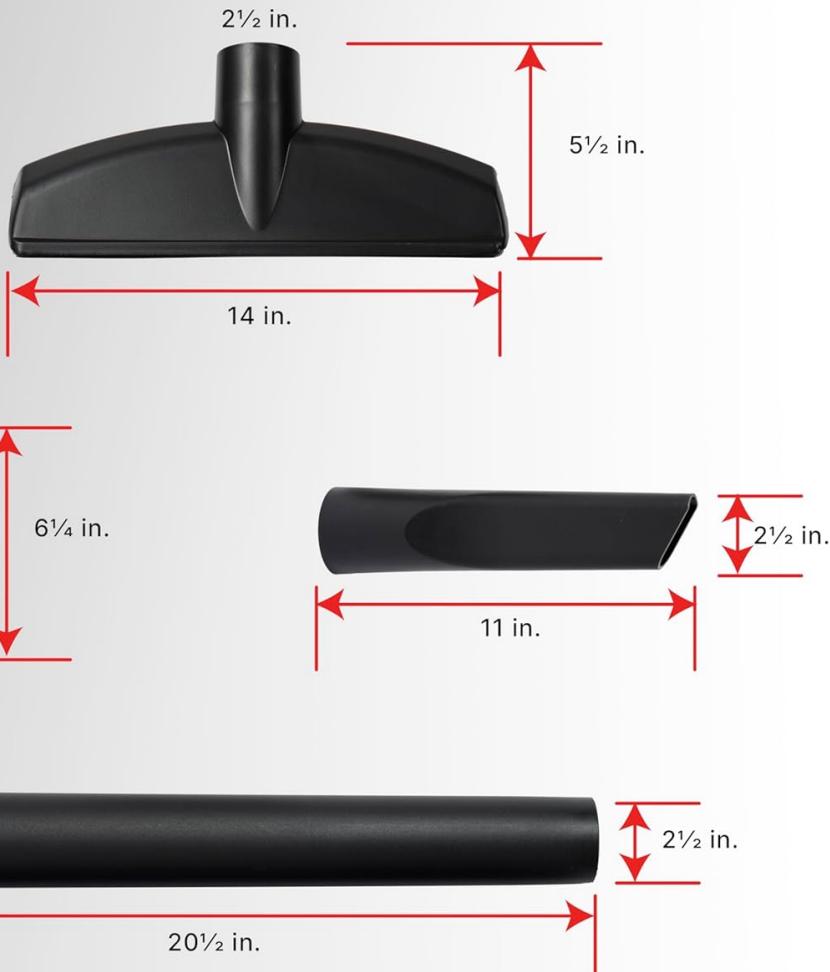


Image: Diagram highlighting key features of the Shop-Vac 5801611, including the ergonomic handle, on/off switch, cord wrap management, SVX2 motor technology, heavy-duty lid latches, comfort grip side carry handles, accessory and tool storage, on-board hose storage, and tank drain.

## SETUP

### Unpacking and Assembly

1. Carefully remove all contents from the packaging. Verify all parts are present as listed in the 'Included Components' section.
2. Attach the casters to the base of the vacuum for mobility. Ensure they are securely fastened.
3. Place the motor head onto the tank, aligning the lid latches. Secure the lid latches to ensure a tight seal.

### Hose and Accessory Connection

The vacuum comes with a 7-ft Lock-On hose and various accessories for different cleaning tasks.



Image: A hand demonstrating how to connect the Lock-On hose to the inlet port of the Shop-Vac, showing the secure threaded connection.

- **Connecting the Hose:** Insert the Lock-On hose into the vacuum's inlet port and twist to secure.
- **Attaching Accessories:** Connect the desired accessory (e.g., extension wands, floor nozzle, gulper tool, crevice tool) to the end of the hose.



Image: The Shop-Vac 5801611 displayed alongside all its included accessories, including the hose, extension wands, various nozzles, and filters.

## OPERATING INSTRUCTIONS

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### Dry Vacuuming

For dry pickup, ensure the cartridge filter and a dry filter bag are properly installed. The SVX2 Motor Technology provides powerful suction for various dry debris.

1. Ensure the cartridge filter is clean and securely in place. For fine dust, install a high-efficiency dry filter bag over the inlet deflector.
2. Connect the hose and appropriate dry pickup accessory.
3. Plug the power cord into a suitable electrical outlet.
4. Turn the vacuum ON using the power switch located on the motor head.
5. Begin vacuuming dry debris.
6. When finished, turn the vacuum OFF and unplug it.

### Wet Vacuuming

For wet pickup, remove the dry filter bag and ensure only the foam sleeve filter is installed. The built-in tank drain allows for easy liquid disposal.

1. Remove the dry filter bag and cartridge filter. Install the foam sleeve filter over the filter cage.
2. Connect the hose and a wet pickup accessory (e.g., 12-inch wet/dry floor nozzle).
3. Plug the power cord into a suitable electrical outlet.
4. Turn the vacuum ON.
5. Begin vacuuming liquids. The motor will produce a higher pitch when the tank is full.
6. When the tank is full or you are finished, turn the vacuum OFF and unplug it.
7. Drain the liquid from the tank using the built-in tank drain.

### Blower Function

The rear blower port can be used to clear debris from hard-to-reach areas.

1. Ensure the vacuum is unplugged.
2. Remove the hose from the inlet port.
3. Insert the hose into the rear blower port and twist to secure.
4. Plug the power cord into an electrical outlet.
5. Turn the vacuum ON to use the blower function.
6. When finished, turn the vacuum OFF and unplug it.

## MAINTENANCE

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Regular maintenance ensures optimal performance and extends the life of your Shop-Vac.

### Filter Maintenance

Different filters are used for wet and dry applications. Always ensure the correct filter is installed and

maintained.

## Hose Dimensions

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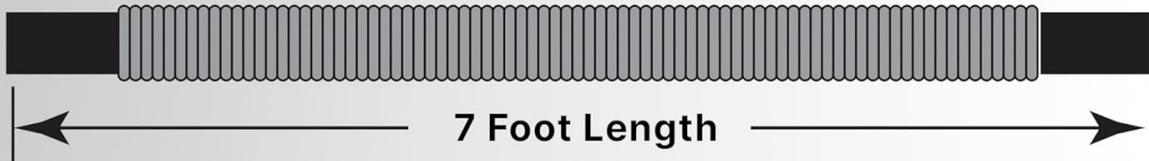


Image: A display of the filters included with the Shop-Vac 5801611: a cartridge filter with retainer, a high-efficiency filter bag, and a foam sleeve filter.

- **Cartridge Filter:** Used for dry pickup. Clean by gently tapping or brushing off debris. Replace when suction decreases significantly or filter is damaged.
- **Foam Sleeve Filter:** Used for wet pickup. Rinse with water and allow to air dry completely before reinstallation.
- **Dry Filter Bag:** Used for dry pickup, especially fine dust. Dispose of and replace when full.

### Tank Cleaning

After wet pickup, empty the tank and rinse it thoroughly with water. For dry pickup, empty debris and wipe the interior as needed.

### Accessory and Hose Storage

The vacuum features on-board storage for the cord and accessories, promoting organization and easy access.



Image: The Shop-Vac 5801611 with its hose neatly wrapped around the base and accessories stored in the integrated side caddy.

## TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Vacuum does not start	No power to outlet; Faulty power cord/plug; ON/OFF switch is off	Check power supply; Inspect cord/plug for damage; Ensure switch is in ON position
Loss of suction	Clogged hose/accessories; Full tank; Clogged/dirty filter; Improperly sealed lid	Clear obstructions; Empty tank; Clean/replace filter; Ensure lid latches are secure
Motor runs hot	Clogged filter; Restricted airflow	Clean/replace filter; Check hose and inlet for blockages
Water leaks from tank	Lid not sealed properly; Drain cap loose	Ensure lid latches are secure; Tighten drain cap

## SPECIFICATIONS

Feature	Detail
Model Number	5801611
Capacity	16 Gallons
Peak Horsepower	6.5 HP
Motor Technology	SVX2
Hose Diameter	2-1/2 Inches
Hose Length	7 Feet (Lock-On)
Airflow (CFM)	150 CFM
Product Dimensions	18.21 x 18.21 x 29.7 inches
Item Weight	27.9 Pounds
Special Feature	Wet/Dry Functionality, Blower Port
Included Components	Accessory Kit (Hose, Extension Wands, Floor Nozzle, Gulper Tool, Crevice Tool, Cartridge Filter, Foam Sleeve, Dry Filter Bag)

## WARRANTY INFORMATION

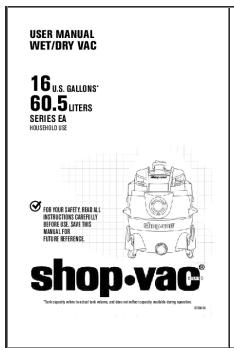
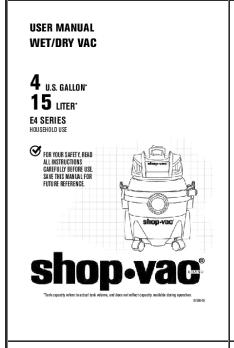
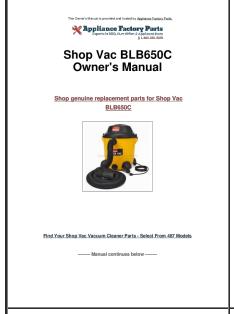
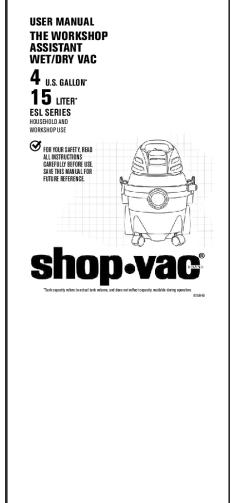
Shop-Vac offers a Lifetime Warranty against material defects and workmanship for this product. Please refer to the official Shop-Vac website or your product packaging for complete warranty terms and conditions, including registration requirements and claim procedures.

## CUSTOMER SUPPORT

For further assistance, replacement parts, or additional information, please contact Shop-Vac customer support. You can typically find contact details on the official Shop-Vac website or on the product packaging. When contacting support, please have your model number (5801611) and purchase date available.

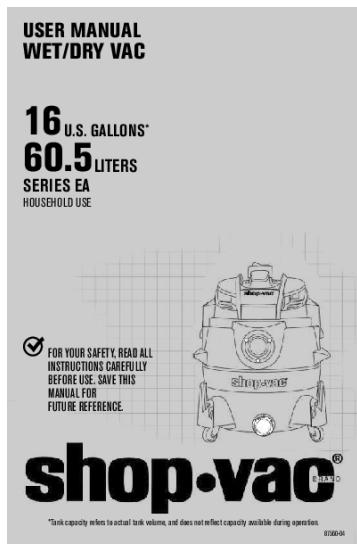
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## Related Documents - 5801611

 The cover of the Shop-Vac 16-Gallon Series EA Wet/Dry Vac User Manual. It features the 'shop-vac' logo at the bottom. The text on the cover includes: 'USER MANUAL', 'WET/DRY VAC', '16 U.S. GALLONS', '60.5 LITERS', 'SERIES EA', 'WET/DRY VAC', and a safety warning: 'FOR YOUR SAFETY READ ALL INSTRUCTIONS CAREFULLY BEFORE USE. SAVE THIS MANUAL FOR FUTURE REFERENCE.'	<p><a href="#">Shop-Vac 16-Gallon Series EA Wet/Dry Vac User Manual</a> Comprehensive user manual for the Shop-Vac 16-Gallon Series EA Wet/Dry Vacuum Cleaner, covering setup, operation, maintenance, troubleshooting, and safety instructions.</p>
 The cover of the Shop-Vac E4 Series 4-Gallon Wet/Dry Vacuum User Manual. It features the 'shop-vac' logo at the bottom. The text on the cover includes: 'USER MANUAL', 'WET/DRY VAC', '4 U.S. GALLON', '15 LITER', 'E4 SERIES', 'WET/DRY VAC', and a safety warning: 'FOR YOUR SAFETY READ ALL INSTRUCTIONS CAREFULLY BEFORE USE. SAVE THIS MANUAL FOR FUTURE REFERENCE.'	<p><a href="#">Shop-Vac E4 Series 4-Gallon Wet/Dry Vacuum User Manual</a> This user manual provides comprehensive instructions for the Shop-Vac E4 Series 4-Gallon Wet/Dry Vacuum, covering safety guidelines, assembly procedures, operation for dry and wet pick-up, blower functionality, maintenance tips, troubleshooting common issues, and warranty information.</p>
 The cover of the Shop Vac BLB650C Owner's Manual. It features the 'shop-vac' logo at the bottom. The text on the cover includes: 'Shop Vac BLB650C Owner's Manual', 'Shop genuine replacement parts for Shop Vac BLB650C', and a safety warning: 'FOR YOUR SAFETY READ ALL INSTRUCTIONS CAREFULLY BEFORE USE. SAVE THIS MANUAL FOR FUTURE REFERENCE.'	<p><a href="#">Shop Vac BLB650C Owner's Manual</a> Comprehensive owner's manual for the Shop Vac BLB650C wet/dry utility vacuum, detailing its features, specifications, and accessories. Includes information on various Shop-Vac series like Hardware, SVX2, Blower, Pump, Heavy-Duty Portable, Vac'n Vac, Wall Mount, Quiet, and Hangon.</p>
 The cover of the Shop-Vac Workshop Assistant Wet/Dry Vac ESLSQ550 User Manual. It features the 'shop-vac' logo at the bottom. The text on the cover includes: 'USER MANUAL', 'THE WORKSHOP ASSISTANT WET/DRY VAC', '4 U.S. GALLON', '15 LITER', 'ESL SERIES', 'WET/DRY VAC', and a safety warning: 'FOR YOUR SAFETY READ ALL INSTRUCTIONS CAREFULLY BEFORE USE. SAVE THIS MANUAL FOR FUTURE REFERENCE.'	<p><a href="#">Shop-Vac Workshop Assistant Wet/Dry Vac ESLSQ550 User Manual</a> User manual for the Shop-Vac Workshop Assistant Wet/Dry Vac, model ESLSQ550. Covers setup, operation, safety, maintenance, and troubleshooting for household and workshop use. Features 4-gallon capacity and blower function. Visit <a href="#">shopvac.com</a> for support.</p>

<p><b>USER MANUAL</b> WET/DRY VAC</p> <p><b>12 U.S. GALLONS*</b> <b>45.5 LITERS*</b> SERIES SH HOUSEHOLD USE</p> <p></p> <p><b>shop•vac®</b> <small>*Tank capacity refers to actual tank volume, and does not reflect capacity available during operation.</small></p>	<p><a href="#"><u>Shop-Vac SH Series SH14-C600 Wet/Dry Vac User Manual</u></a></p> <p>Comprehensive user manual for the Shop-Vac SH Series SH14-C600 Wet/Dry Vac, covering setup, operation, maintenance, and troubleshooting. Includes safety instructions, assembly guides, and warranty information.</p>
<p><b>USER MANUAL</b> WET/DRY VAC</p> <p><b>6 U.S. GALLON*</b> <b>22.7 LITER*</b> SERIES SH HOUSEHOLD USE</p> <p></p> <p><b>shop•vac®</b> <small>*Tank capacity refers to actual tank volume, and does not reflect capacity available during operation.</small></p>	<p><a href="#"><u>Shop-Vac SH14-C350 Wet/Dry Vacuum User Manual</u></a></p> <p>Comprehensive user manual for the Shop-Vac SH14-C350 Wet/Dry Vacuum. Includes safety instructions, assembly guide, operation details, troubleshooting, and warranty information.</p>

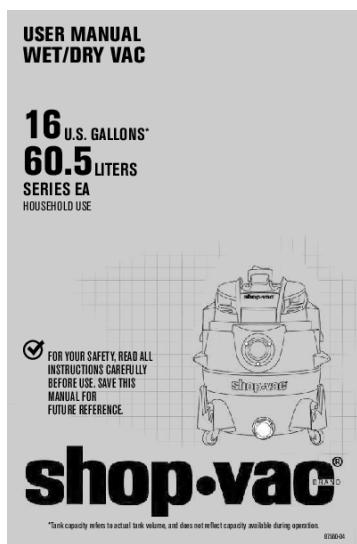
Documents - Shop-Vac – 5801611



[Shop-Vac EA16-C650 Wet/Dry Vacuum User Manual](#)

Comprehensive user manual for the Shop-Vac EA16-C650 Wet/Dry Vacuum, covering safety, setup, operation for dry and wet pickup, blower function, maintenance, troubleshooting, and warranty information.

lang:en score:41 filesize: 1.51 M page\_count: 37 document date: 2023-04-04



[Shop-Vac 16-Gallon Series EA Wet/Dry Vac User Manual](#)

Comprehensive user manual for the Shop-Vac 16-Gallon Series EA Wet/Dry Vacuum Cleaner, covering setup, operation, maintenance, troubleshooting, and safety instructions.

lang:en score:35 filesize: 3.41 M page\_count: 36 document date: 2022-06-01

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### Shop Vac EA16-SQ650 Owner's Manual

Shop genuine replacement parts for Shop Vac  
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Find Your Shop Vac Vacuum Cleaner Parts - Select From 487 Models

----- Manual continues below -----

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### USER MANUAL WET/DRY VAC

**16** U.S. GALLONS\*  
**60.5** LITERS  
SERIES EA  
HOUSEHOLD USE



FOR YOUR SAFETY, READ ALL  
INSTRUCTIONS CAREFULLY  
BEFORE USE. SAVE THIS  
MANUAL FOR  
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\*Tank capacity refers to actual tank volume, and does not reflect capacity available during operation.

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OWNER'S MANUAL  
THE WORKSHOP  
ASSISTANT  
WET/DRY VAC

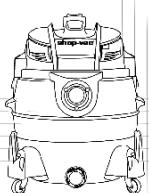
16 U.S. GALLON\*

60.5 LITER\*

SERIES EA

HOUSEHOLD AND  
WORKSHOP USE

FOR YOUR SAFETY: READ ALL  
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