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## Shop-Vac QPL50A

# Shop-Vac Service Power Unit Instruction Manual

Model: QPL50A

## INTRODUCTION

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This manual provides essential information for the safe and effective use, installation, and maintenance of your Shop-Vac Service Power Unit. Please read these instructions thoroughly before operation.

The Shop-Vac Service Power Unit is a genuine replacement head assembly designed for various Shop-Vac wet/dry vacuum models. It includes the motor, motor housing with handle, power cord, and switch.



Image 1: The Shop-Vac Service Power Unit, showing the motor housing, handle, and coiled power cord with a red warning tag.

## IMPORTANT SAFETY INSTRUCTIONS

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Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury.

- Read all instructions before using the power unit.
- Do not operate the unit with a damaged cord or plug.
- Do not use on wet surfaces or expose to rain.

- Unplug from outlet when not in use and before servicing.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
- Use only as described in this manual.

## SETUP AND INSTALLATION

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This power unit is designed as a direct replacement for specific Shop-Vac models. Ensure your vacuum is unplugged before beginning installation.

### Compatible Models:

- Shop Vac Model(s): 9000A, QL30, QL30A, QL30B, QL40A, QL45, QL50, QL50B, QL50C, QL50D, QL60A, QM30, QM30A, QM45.
- *Note:* This unit is for 11" Lid Replacement models only (Single Pole).

### Installation Steps:

1. **Disconnect Power:** Ensure the existing vacuum cleaner is unplugged from the electrical outlet.
2. **Remove Old Power Unit:** Unlatch the clips securing the old power unit to the vacuum tank and carefully lift it off.
3. **Inspect Tank:** Clean any debris from the rim of the vacuum tank where the new power unit will sit.
4. **Position New Unit:** Carefully place the new Shop-Vac Service Power Unit onto the vacuum tank, ensuring it sits flush and securely.
5. **Secure Unit:** Re-engage the tank clips to firmly hold the power unit in place.
6. **Power Connection:** Plug the power cord into a suitable electrical outlet.

## OPERATING INSTRUCTIONS

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Once installed, the power unit functions identically to the original. Refer to your vacuum's main instruction manual for specific operational details regarding wet/dry vacuuming, filter installation, and accessory use.

### Basic Operation:

- **Power On/Off:** Locate the switch on the motor housing. Flip the switch to the "ON" position to start the motor and to the "OFF" position to stop it.
- **Cord Management:** The power unit features an 18-foot power cord. Ensure the cord is fully extended during operation to prevent overheating.

## MAINTENANCE

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Regular maintenance ensures optimal performance and extends the lifespan of your power unit.

- **Cleaning:** Periodically wipe the exterior of the motor housing with a damp cloth. Do not immerse the unit in water.
- **Cord Inspection:** Regularly inspect the power cord for any signs of damage, cuts, or fraying. If damage is found, discontinue use and replace the unit.
- **Filter Maintenance:** Refer to your vacuum's main manual for instructions on cleaning or replacing filters, as this directly impacts motor performance.

## TROUBLESHOOTING

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If you encounter issues with your Shop-Vac Service Power Unit, consult the following common troubleshooting steps:

Problem	Possible Cause	Solution
Unit does not turn on.	No power to outlet; faulty switch; damaged cord.	Check power outlet with another device; ensure switch is in "ON" position; inspect cord for damage.
Reduced suction.	Clogged filter; full tank; hose obstruction.	Clean or replace filter; empty tank; clear any obstructions in hose or attachments.
Unusual noise or vibration.	Debris in motor; loose components.	Discontinue use immediately. Contact customer support for assistance.

## SPECIFICATIONS

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- **Brand:** Shop-Vac
- **Model:** QPL50A
- **Part Numbers Replaced:** 1349097, 1944026, 1944028, 1944027, 1944019, 1944020, 8118297, 8111297, 8110297, SV-1349097, 8111797, 8113098, 86792-17, 1944302 (replacement for)
- **Motor Rating:** 6.0 Peak HP
- **Cord Length:** 18 feet
- **Lid Compatibility:** 11" Lid Replacement (Single Pole)
- **Item Weight:** 1 pound
- **Package Dimensions:** 20 x 15.5 x 10.75 inches

## WARRANTY INFORMATION

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Specific warranty details for this replacement part may vary. Please refer to the original product warranty documentation provided with your Shop-Vac wet/dry vacuum or contact Shop-Vac customer support for current warranty terms and conditions.

## CUSTOMER SUPPORT

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For technical assistance, replacement parts, or further inquiries, please contact Shop-Vac customer service. Visit the official Shop-Vac website for contact information.

You can also visit the [Shop-Vac Store on Amazon](#) for additional product information.