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> [RYOBI RY141900 2,000-PSI 1.2 GPM Electric Pressure Washer Instruction Manual](#)

RYOBI RY141900

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Model: RY141900

INTRODUCTION

This manual provides essential information for the safe and effective operation, assembly, maintenance, and troubleshooting of your RYOBI RY141900 2,000-PSI 1.2 GPM Electric Pressure Washer. Please read all instructions carefully before use and retain this manual for future reference.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using this product, basic precautions should always be followed, including the following:

- Read all instructions before using the appliance.
- To reduce the risk of injury, close supervision is necessary when an appliance is used near children.
- Know how to stop the unit and bleed pressures quickly. Be thoroughly familiar with the controls.
- Stay alert – watch what you are doing.
- Do not operate the appliance when fatigued or under the influence of alcohol or drugs.
- Keep operating area clear of all persons.
- Do not overreach or stand on unstable support. Keep good footing and balance at all times.
- Follow the maintenance instructions specified in the manual.
- Always wear appropriate personal protective equipment, including safety glasses, hearing protection, and protective footwear.
- Ensure all connections are secure before operating.

PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any parts are missing or damaged, do not operate the pressure washer. Contact customer service for assistance.

- RYOBI RY141900 Electric Pressure Washer Unit

- High-Pressure Hose (25 feet)
- Spray Wand with Quick-Connect Coupler
- Trigger Handle
- Nozzles (Turbo, 15°, Soap)
- Detergent Tank
- Operator's Manual



Image 1: RYOBI RY141900 Electric Pressure Washer main unit with hose reel and detergent tank.



Image 2: Included accessories: spray gun, high-pressure hose, and various quick-connect nozzles.

SETUP AND ASSEMBLY

- 1. Attach the Handle:** Secure the upper handle to the main unit using the provided hardware. Ensure it clicks into place or is tightened securely.
- 2. Connect the High-Pressure Hose:**
 - Connect one end of the high-pressure hose to the pressure washer's high-pressure outlet. Tighten by hand.
 - Connect the other end of the high-pressure hose to the trigger handle. Tighten by hand.
- 3. Attach the Spray Wand:** Insert the spray wand into the trigger handle and twist until it locks securely.
- 4. Install Nozzle:** Select the desired quick-connect nozzle and push it firmly into the quick-connect coupler on the spray wand until it snaps into place. Pull on the nozzle to ensure it is securely seated.
- 5. Connect Water Supply:**
 - Attach a garden hose (not included) to the water inlet on the pressure washer. Ensure the connection is tight to prevent leaks.
 - Turn on the water supply completely.
 - Squeeze the trigger on the spray gun to purge air from the system until a steady stream of water emerges. This primes the pump.

OPERATING INSTRUCTIONS

Starting the Pressure Washer

1. Ensure the water supply is fully open and air has been purged from the system.
2. Plug the power cord into a grounded 120V AC outlet.
3. Turn the ON/OFF switch to the "ON" position. The motor will start.
4. Squeeze the trigger on the spray gun to begin spraying.

Using Detergent

1. Ensure the pressure washer is off and disconnected from power.
2. Fill the onboard detergent tank with pressure washer safe detergent. Do not use bleach or other corrosive chemicals.
3. Attach the black soap nozzle to the spray wand. This nozzle activates the detergent injector.
4. Start the pressure washer and apply detergent to the cleaning surface. Allow it to soak for a few minutes (refer to detergent instructions).
5. To rinse, remove the soap nozzle and replace it with a high-pressure nozzle (e.g., 15° or Turbo).

Nozzle Selection

Different nozzles are designed for specific cleaning tasks:

- **Turbo Nozzle:** Provides a concentrated, oscillating stream for maximum cleaning power on tough stains and hard surfaces like concrete.
- **15° Nozzle:** A versatile, fan-shaped spray for general cleaning of various surfaces.
- **Soap Nozzle (Black):** Low-pressure, wide spray for applying detergents.

Stopping the Pressure Washer

1. Release the trigger on the spray gun.
2. Turn the ON/OFF switch to the "OFF" position.
3. Turn off the water supply.
4. Squeeze the trigger to release any remaining pressure in the system.
5. Unplug the power cord.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your pressure washer.

- **After Each Use:**
 - Flush the system with clean water to remove any detergent residue.
 - Disconnect all hoses and drain water from the pump and hoses.
 - Clean the nozzles and store them properly.
 - Wipe down the unit with a damp cloth.
- **Storage:**
 - Store the pressure washer in a dry, frost-free area.
 - If storing in freezing temperatures, use a pump protector/antifreeze solution to prevent damage.
- **Inlet Filter:** Regularly inspect and clean the water inlet filter to prevent debris from entering the

pump.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Motor does not start	Power cord not plugged in GFCI tripped No power at outlet	Plug in power cord Reset GFCI Check circuit breaker
Low pressure	Insufficient water supply Clogged nozzle Air in pump	Ensure water supply is fully open Clean nozzle Purge air from system (squeeze trigger with water on, power off)
Water leaks	Loose connections Damaged O-rings	Tighten all connections Inspect and replace O-rings if damaged

SPECIFICATIONS

- **Model:** RY141900
- **Brand:** RYOBI
- **Pressure:** 2,000 PSI
- **Flow Rate:** 1.2 GPM (Gallons Per Minute)
- **Power Source:** Corded Electric (13 Amp motor)
- **Hose Length:** 25 Feet
- **Item Weight:** 32 Pounds
- **Product Dimensions:** 19.2"L x 34"W x 16.5"H
- **UPC:** 046396013231
- **Certification:** CSA

WARRANTY AND SUPPORT

This RYOBI product is covered by a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions. For technical assistance, replacement parts, or warranty claims, please contact RYOBI customer support.

Note: Warranty terms may vary by region and retailer. Keep your proof of purchase for warranty validation.