LWQ PRESSURE WASHER

Owner's Manual & Operating Instructions

Model: LWQ-2800 Series

Document Source: This manual is downloaded from https://lwqpressurewasher.com/

△ IMPORTANT SAFETY NOTICE

Read this manual completely before operating your pressure washer. Failure to follow safety instructions may result in serious injury or death.

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Safety Instructions

△ WARNING

High pressure spray can cause serious injury. Never point spray gun at people, animals, electrical equipment, or the unit itself.

Before Operating

- 1. Read and understand all instructions in this manual
- 2. Inspect unit for damage before each use
- 3. Ensure all connections are tight and secure
- 4. Check that trigger safety lock is functioning properly
- 5. Wear appropriate safety equipment including safety glasses and closed-toe shoes

During Operation

- · Never operate unit without water supply connected
- Do not operate in temperatures below 32°F (0°C)
- · Keep hands and feet away from cleaning area
- Use only manufacturer-approved detergents
- · Maintain proper stance and balance while operating
- · Never leave unit unattended while running

Chemical Safety

- Use only biodegradable detergents designed for pressure washers
- Follow all chemical manufacturer instructions
- · Rinse surfaces thoroughly after chemical application
- Store chemicals in original containers away from children

Specifications

Specification	Value
Maximum Pressure	2800 PSI
Maximum Flow Rate	2.3 GPM
Engine Type	4-Stroke OHV
Engine Displacement	196cc
Fuel Capacity	1.2 Gallons
Oil Capacity	20 fl oz (SAE 10W-30)
Pump Type	Axial Cam

Hose Length	25 feet
Weight	65 lbs
Dimensions (L×W×H)	22" × 18" × 20"

Parts Identification

Main Components:

• Engine: Powers the pressure washer pump

• Pump: Creates high-pressure water flow

• Frame: Steel tubular frame with wheels

• High-Pressure Hose: 25-foot reinforced hose

• Spray Gun: Trigger-operated control device

• Spray Wand: Extension wand with quick-connect nozzles

• Nozzle Set: 0°, 15°, 25°, 40°, and soap nozzles

• Detergent Tank: On-board chemical injection system

• Water Inlet: Garden hose connection point

• Fuel Tank: Gasoline storage with fuel gauge

Assembly Instructions

Step 1: Frame Assembly

- 1. Remove all parts from packaging and check against parts list
- 2. Attach wheels to axle using provided hardware
- 3. Insert axle through frame and secure with retaining pins
- 4. Attach handle to frame using bolts and washers

Step 2: Engine Preparation

- 1. Check engine oil level using dipstick
- 2. Add SAE 10W-30 oil if needed (do not overfill)
- 3. Fill fuel tank with fresh gasoline (87 octane minimum)
- 4. Check air filter and clean if necessary

Step 3: Hose and Gun Assembly

- 1. Connect high-pressure hose to pump outlet
- 2. Attach spray gun to other end of hose
- 3. Connect spray wand to gun
- 4. Insert desired nozzle into wand

Step 4: Water Connection

- 1. Connect garden hose to water inlet
- 2. Turn on water supply
- 3. Squeeze trigger to purge air from system
- 4. Check all connections for leaks

Operation

Starting the Engine

- 1. Ensure trigger safety lock is engaged
- 2. Turn fuel valve to "ON" position
- 3. Move choke lever to "CHOKE" position
- 4. Pull recoil starter cord briskly
- 5. Once engine starts, move choke to "RUN" position
- 6. Allow engine to warm up for 2-3 minutes

Pressure Washing Technique

- 1. Start with widest spray pattern (40° nozzle)
- 2. Hold gun 2-3 feet from surface initially
- 3. Test spray on inconspicuous area first
- 4. Move gun in steady, overlapping strokes
- 5. Work from top to bottom on vertical surfaces

6. Switch to narrower nozzles for stubborn stains

Using Detergent

- 1. Fill detergent tank with appropriate cleaner
- 2. Install soap nozzle (low pressure)
- 3. Apply detergent from bottom to top
- 4. Allow detergent to dwell for recommended time
- 5. Switch to rinse nozzle and rinse thoroughly
- 6. Rinse from top to bottom

Shutdown Procedure

- 1. Release trigger and engage safety lock
- 2. Turn off engine and fuel valve
- 3. Squeeze trigger to relieve pressure
- 4. Disconnect water supply
- 5. Store unit in dry location

Maintenance

Daily Maintenance

- · Check engine oil level
- Inspect hoses and connections for damage
- · Clean air filter if operating in dusty conditions
- Drain detergent tank if not using daily

Weekly Maintenance

- Clean or replace spark plug if needed
- · Check and clean nozzles
- Inspect spray gun trigger operation
- Lubricate wheel bearings

Monthly Maintenance

- Change engine oil (every 50 hours or monthly)
- · Replace air filter
- · Check fuel lines for cracks
- Inspect pump oil level (if equipped with oil sight glass)

Seasonal Maintenance

- · Replace spark plug annually
- Service pump (replace seals and valves)
- Clean fuel system
- · Store with fuel stabilizer for winter

Winterization

- 1. Run engine until fuel tank is empty
- 2. Add fuel stabilizer to remaining fuel
- 3. Pump antifreeze through system
- 4. Store in heated area if possible
- 5. Remove battery if electric start equipped

Troubleshooting

Problem	Possible Cause	Solution
Engine won't start	No fuel, old fuel, spark plug fouled	Check fuel, replace with fresh gas, clean/replace spark plug
Low pressure	Worn nozzle, clogged inlet screen, pump wear	Replace nozzle, clean screen, service pump
Pump pulsating	Air in system, inlet restriction	Check water supply, prime pump, check inlet screen

Detergent not working	Wrong nozzle, clogged pickup tube	Use soap nozzle, clean detergent system
Engine runs rough	Dirty air filter, bad fuel, carburetor issues	Clean/replace filter, fresh fuel, service carburetor
Water leaking	Loose connections, worn seals	Tighten connections, replace seals
Excessive vibration	Loose bolts, pump mount issues	Check and tighten all bolts, inspect mounts

Warranty Information

Limited Warranty Coverage

LWQ warrants this pressure washer to be free from defects in materials and workmanship for a period of two (2) years from the date of original purchase for residential use, and ninety (90) days for commercial use.

What is Covered

- Engine defects (subject to engine manufacturer's warranty)
- Pump defects in materials and workmanship
- · Frame and structural components
- Spray gun and hose assembly

What is Not Covered

- Normal wear items (nozzles, seals, filters)
- Damage from misuse or neglect
- Damage from freezing
- Use of improper fuels or oils
- Commercial or rental use beyond 90 days

Service Information

For warranty service or technical support, contact LWQ Customer Service:

• Phone: 1-800-LWQ-WASH

Email: support@lwqpressurewasher.comWebsite: https://lwqpressurewasher.com/

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