

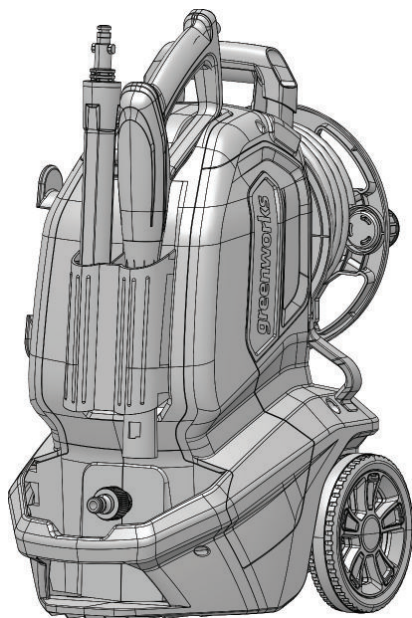
# greenworks

G40/G50

EN

PRESSURE WASHER

OPERATOR MANUAL



PWA111

CE



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## 1 DESCRIPTION

### 1.1 PURPOSE

The machine is used to clean vehicles, boats, buildings by the removal of stubborn dirt with clean water and chemical detergents.

For domestic use only, not for professional use, and for operation at temperature above 0°C.

### 1.2 PRODUCT OVERVIEW

1 Upper handle	12 Pedestal
2 Spray wand	13 Nozzle lock button
3 Gun	14 Adjustable nozzle
4 Water inlet	15 Spray tip cleaning tool
5 Wheel assembly	16 Garden hose
6 High pressure hose	17 Detergent tank
7 Cord retainer	18 Crank handle
8 Trigger safety button	19 Trigger
9 Spring button	20 Power switch
10 Inlet coupler	
11 Gun holder	

## 2 SAFETY

### ▲ WARNING

Make sure that you do/obey all safety instructions.

Refer to Safety Manual.

## 3 INSTALLATION

### 3.1 UNPACK THE MACHINE

### ▲ WARNING

Make sure that you correctly assemble the machine before use.

### ▲ WARNING

- If the parts have damage, do not use the machine.
- If you do not have all the parts, do not operate the machine.
- If the parts are damaged or missing, speak to the service center.

1. Open the package.
2. Read the documentation in the box.
3. Remove all the unassembled parts from the box.
4. Remove the machine from the box.
5. Discard the box and package in compliance with local regulations.

### 3.2 INSTALL THE SPRAY WAND

Figure 2.

1. Push the end of the spray wand into the gun handle.
2. Turn the spray wand clockwise until the tabs lock into position.

### ▲ WARNING

Make sure that the connection has no leakage.

### 3.3 INSTALL THE GUN HOLDER

Figure 3.

1. Engage the gun holder into the slot until it locks into its tabs.

### 3.4 INSTALL THE WATER INLET CONNECTOR

Figure 4.

1. Install the water inlet connector onto the water inlet coupler.
2. Turn the water inlet connector clockwise until it is tight.

### 3.5 INSTALL THE FRONT PEDESTAL

Figure 4.

1. Align the screw sleeves of the pedestal with the screw holes.
2. Push the screws through the screw sleeves and tighten them.

### 3.6 INSTALL THE HIGH PRESSURE HOSE

Figure 5.

1. Turn the crank handle to release the high pressure hose.
2. Push one end of the high pressure hose into the inlet coupler.

## 4 OPERATION

### ▲ WARNING

Make sure that all the connections are tight and have no leakage before operation.

### 4.1 CONNECT THE WATER SUPPLY TO THE MACHINE

For easy operation, please use a self-coiling garden hose (not provided).

### ▲ WARNING

When you operate the self-coiling hose, make sure that the hose has no blockage.

**▲ WARNING**

- The water supply must come from the water main
- Do not use hot water
- Do not use water from ponds or lakes

**▲ WARNING**

Do the local regulations when you connect the garden hose to the water supply. Direct connection through a receiver tank or backflow preventer is usually permitted.

**▲ CAUTION**

Inspect the filter in the water inlet connector before you connect the garden hose

- If the filter is damaged, do not use the machine until the filter is replaced.
- If the filter is dirty, clean the filter.

Figure 6.

1. Uncoil the garden hose.
2. Let the water flow through the garden hose for 30 seconds.
3. Turn the water supply off.
4. Install and tighten the end of the garden hose to the water inlet connector.

**▲ CAUTION**

There must be a minimum of 3 m of free hose between the water inlet and the water supply.

**4.2 USE THE GUN**

Figure 2.

**▲ WARNING**

For safe control, keep your hands on the gun at all times.

- Pull and hold the gun trigger to start the machine.
- Release the gun trigger to stop water flow through the nozzle.

**4.2.1 UNLOCK THE GUN TRIGGER**

- Push backward the trigger safety button.

**4.2.2 LOCK THE GUN TRIGGER**

- Push forward the trigger safety button.

**4.3 INSTALL THE NOZZLE**

Figure 7.

**▲ WARNING**

Before you change the nozzle:

1. Pull the gun trigger to release water pressure.
2. Lock the trigger safety button on the gun.
3. Stop the machine.

**▲ WARNING**

Do not point the spray wand at your face or others'.

1. Push and hold the lock button on the spray wand.
2. Align the pin on the nozzle with the hole on the spray wand.
3. Install the nozzle onto the spray wand.
4. Rotate the nozzle to adjust the spray shape.

**4.4 INSTALL THE DETERGENT TANK**

Figure 8.

**▲ WARNING**

Do not use household detergents, acids, alkalines, bleaches, solvents, flammable material, or industrial grade solutions, which can do damage to the pump.

**▲ WARNING**

Do the instructions on the solution bottle to prepare detergent.

**i NOTE**

If it is necessary, use a funnel to prevent the spill of detergent. Clean and dry the spilled detergent when you fill it.

1. Put the detergent into the detergent tank.
2. Push and hold the lock button on the spray wand.
3. Install the detergent tank onto the spray wand.

**i NOTE**

Do not let detergent dry on the surface to prevent streaks.

**4.5 START THE MACHINE**

Figure 9.

**▲ CAUTION**

Do not operate without the water supply connected.

**▲ CAUTION**

Before you start the machine:

1. Turn the water supply on.
2. Pull the gun trigger to release air pressure.
3. If a stable stream of water comes out from the gun, release the gun trigger.

1. Connect the machine to the power supply.
2. Set the power switch to the "ON" (I) position.
3. Turn the water supply on.
4. Pull the gun trigger.

**4.6 STOP THE MACHINE**

1. Release the gun trigger.
2. Set the power switch to the "OFF" (O) position.

**▲ WARNING**

If you do not use the machine :

- Stop the machine.
- Turn the water supply off.
- Disconnect the power cord from the outlet.
- Pull the gun trigger to release the remaining pressure from the machine.
- Lock the trigger safety button.

**5 MAINTENANCE****▲ WARNING**

Before maintenance, make sure that you

- stop the machine.
- wait until all the moving parts stop.
- disconnect the plug from the power source.

**▲ WARNING**

Do not use strong solvents or detergents on the plastic housing or components.

**▲ WARNING**

Do not let brake fluids, gasoline, petroleum-based materials touch the plastic parts. Chemicals can cause damage to the plastic, and make the plastic unserviceable.

**▲ WARNING**

Replace the power cord by an approved service center.

**5.1 NOZZLE MAINTENANCE**

Figure 7.

If there is too much pump pressure, the nozzle can become clogged, you can feel a pulsing sensation while you pull the gun trigger.

**5.1.1 REMOVE THE NOZZLE**

1. Push and hold the lock button on the spray wand.
2. Remove the nozzle from the spray wand.

**5.1.2 CLEAN THE NOZZLE**

1. Use a straight paper clip or cleaning tool to clean the spray tip.
2. Flush and clean the unwanted materials out of the nozzle with the garden hose.
3. Install the clean nozzle to the spray wand.

**6 TRANSPORTATION AND STORAGE****▲ WARNING**

Disconnect the power cord before transportation and storage.

**6.1 MOVE THE MACHINE**

- Point the spray wand in a safe direction.
- Only hold the machine with the handgrip.

**6.2 STORE THE MACHINE****▲ WARNING**

Make sure that the gun, the high pressure hose and the pump are dry.

**▲ WARNING**

Make sure that children cannot come near the machine.

**i NOTE**

Use a recommended pump protector to prevent cold weather damage during storage in winter.

- Disconnect the garden hose from machine.
- Wind the high pressure hose.
- Clean housing and the plastic components with a moist and soft cloth.
- Make sure that the machine does not have loose or damaged parts. If it is necessary, do these steps/ instructions:
  - replace the damaged parts.
  - tighten the bolts.
  - speak to a person of an approved service center.
- Store the machine in a dry, isolated and frost-free area.

## 7 TROUBLESHOOTING


PROBLEM	POSSIBLE CAUSE	SOLUTION
The motor does not start.	The power switch is off.	Set the power switch to the "ON" (I) position.
	You do not plug the power cord.	Connect the power cord to the power supply.
	Electrical outlet does not supply sufficient power.	Try another electrical outlet.
	The circuit breaker is tripped.	Let it cool, and start the machine again.
	The power switch is on, but you do not pull the gun trigger.	Pull the gun trigger.
The machine does not get high pressure.	The diameter of garden hose is too small.	Replace with a 1" (25 mm) or 5/8" (16 mm) garden hose.
	The garden hose is blocked.	Make sure that the garden hose is free from blockage.
	The water supply is not sufficient.	Open the water supply fully.
	You do not install the nozzle onto the spray wand.	Install the nozzle onto the spray wand.
	The water intake filter is blocked.	Remove the filter and make it clean in warm water.

PROBLEM	POSSIBLE CAUSE	SOLUTION
The output pressure varies high and low.	The water supply is not sufficient.	Open water supply fully. Make sure the garden hose is free from blockage.
	The pump absorbs air.	<ol style="list-style-type: none"> <li>1. Make sure that the hoses and fittings have no problem.</li> <li>2. Turn the machine off.</li> <li>3. Pull the gun trigger until a stable flow of water comes out through the nozzle.</li> </ol>
	The water intake filter is clogged.	Remove the filter and clean it in warm water.
	The supply voltage is low.	Make sure that only the pressure washer operates on the circuit.
	The gun, hose or nozzle are calcified.	Operate distilled vinegar through detergent tank.

PROBLEM	POSSIBLE CAUSE	SOLUTION
The motor buzzes, but you can not start the machine.	The supply voltage is low.	Make sure that only the pressure washer operates on the circuit.
	The system has remaining pressure.	<ol style="list-style-type: none"> <li>1. Stop the machine.</li> <li>2. Pull the gun trigger on spray wand to release pressure</li> <li>3. Start the machine.</li> </ol>
	The voltage decreases across extension cord.	Disconnect the extension cord, and connect the machine directly into the outlet.
	You do not use the machine for a long time.	Speak to a person of an approved service center.
	There is remaining friction in components. You can hear a hum.	<ol style="list-style-type: none"> <li>1. Disconnect the water supply.</li> <li>2. Turn the machine on for 2 or 3 seconds.</li> <li>3. Repeat the above step for several times.</li> </ol>
There is no water.	The water supply is off.	Turn the water supply on.
	The garden hose is blocked.	Make sure that the garden hose is free from blockage.

## 8 TECHNICAL DATA

Model No.	G40	G50
Rated Voltage	220-240V ~ 50 Hz	220-240V ~ 50 Hz
Rated Pressure	10 MPa	11 MPa
Permissible Pressure	13.5 MPa	14.5 MPa
Power Rating	1900 W	2200 W
Rated Water Flow	6.5 l/min	6.6 l/min
Maximum Water Flow	8 l/min	8.3 l/min
Maximum Water Inlet Pressure	0.7 MPa	0.7 MPa

Maximum Water Inlet Temperature	40 °C	40 °C
Measured sound pressure level	$L_{pA} = 82 \text{ dB(A)}$ , $K_{pA} = 3 \text{ dB(A)}$	$L_{pA} = 82 \text{ dB(A)}$ , $K_{pA} = 3 \text{ dB(A)}$
Measured sound power level	$L_{wA} = 90.1 \text{ dB(A)}$	$L_{wA} = 90.7 \text{ dB(A)}$
Guaranteed sound power level	$L_{wA,d} = 94 \text{ dB(A)}$	$L_{wA,d} = 94 \text{ dB(A)}$
Vibration	$< 2.5 \text{ m/s}^2$ , $K = 1.5 \text{ m/s}^2$	$< 2.5 \text{ m/s}^2$ , $K = 1.5 \text{ m/s}^2$
Protection Degree	IPX 5	IPX 5
	Double-insulated construction.	

## 9 WARRANTY

(The full warranty terms and conditions can be found on Greenworks webpage)

The Greenworks warranty is 3 years on the product, and 2 years on batteries (consumer/private usage) from the date of purchase. This warranty covers manufacturing faults. A faulty product under warranty might be either repaired or replaced. A unit that has been misused or used in other ways than described in the owner's manual might be rejected for warranty. Normal wear, and wear parts are not considered as warranty. The original manufacturer warranty is not affected by any additional warranty offered by a dealer or retailer.

A faulty product must be returned to the point of purchase in order to claim for warranty, together with the proof of purchase (receipt).

## 10 EC DECLARATION OF CONFORMITY

Name and address of the manufacturer:

Name: GLOBGRO AB

Globe Group Europe

Address: Riggaregatan 53, 211 13 Malmö, Sweden

Name and address of the person authorised to compile the technical file:

Name: Peter Söderström

Address: Riggaregatan 53, 211 13 Malmö, Sweden

Herewith we declare that the product

Category: Pressure washer

Model: G40/G50 (PWA111)

Serial number: See product rating label



Year of Construction: See product rating label

- is in conformity with the relevant provisions of the Machinery Directive 2006/42/EC
- is in conformity with the provisions of the following other EC-Directives:
  - 2014/30/EU
  - 2000/14/EC & 2005/88/EC
  - 2011/65/EU & (EU)2015/863

Furthermore, we declare that the following (parts/clauses of) European harmonised standards have been used:

EN 60335-1; EN 60335-2-79; EN 62233; EN 55014-1; EN 55014-2; EN 61000-3-3; EN 61000-3-2; EN ISO 3744; ISO 11094; IEC 62321-3-1; IEC 62321-4; IEC 62321-5; IEC 62321-6; IEC 62321-7-1; IEC 62321-7-2; IEC 62321-8

Conformity assessment method to Annex V/ Directive 2000/14/EC

Measured sound power level       $L_{WA}$ : G40: 90.1/ G50:  
90.7 dB(A)

Guaranteed sound power level       $L_{WA,d}$ : G40: 94/ G50:  
94 dB(A)

Place, date: Malmö,      Signature: Ted Qu, Quality Director

04.04.2020

Ted Qu