

# **INSTRUCTION MANUAL PROFESSIONAL PRESSURE WASHER for Simpson Cleaning PS61115(-S)**

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## **HOW TO APPLY CHEMICALS/CLEANING SOLVENTS**

Applying chemicals or cleaning solvents is a low pressure operation. NOTE: Use only soaps and chemicals designed for pressure washer use. Do not use bleach.

To Apply Chemicals:

1. Ensure detergent siphon hose (F, Figure 10) is attached to barbed fitting location near high pressure hose connection of pump as shown. NOTE: The barbed fitting location will vary depending on the pump type.
2. Place other end of detergent siphon hose with filter on it into container holding chemical/ cleaning solution. NOTE: For every 7 gallons of water pumped 1 gallon of chemical/ cleaning solution will be used.
3. Install low pressure (black) nozzle into quick connect fitting of spray wand, see How To Use Spray Wand paragraph in this section.
4. After use of chemicals, place detergent siphon hose into container of clean water and draw clean water through chemical injection system to rinse system thoroughly. If chemicals remain in the pump, it could be damaged. Pumps damaged due to chemical residue will not be covered under warranty

## **MAINTENANCE**

### **ENGINE**

- Consult the Engine Owner's Manual for the manufacturer's recommendations for any and all maintenance. NOTE: The engine drain plug is located at the rear of the unit.

## PUMP

- The pump was filled with oil at the factory. The pump on this unit is maintenance free and requires no oil.

## CONNECTIONS

- Connections on pressure washer hoses, gun and spray wand should be cleaned regularly and lubricated with light oil or lithium grease to prevent leakage and damage to the o-rings.

**NOZZLE CLEANING** - If the nozzle becomes clogged with foreign materials, such as dirt, excessive pressure may develop. If the nozzle becomes partially clogged or restricted, the pump pressure will pulsate. Clean the nozzle immediately using the nozzle kit supplied and the following instructions:

1. Shut off the pressure washer and turn off the water supply.
2. Pull trigger on gun handle to relieve any water pressure.
3. Disconnect the spray wand from the gun.
4. Remove the high pressure nozzle (K) from the spray wand. Remove any obstructions with the nozzle cleaning tool provided and backflush with clean water.
5. Direct water supply (N) into nozzle to backflush loosened particles for 30 seconds.
6. Reassemble the nozzle to the wand.
7. Reconnect spray wand to gun and turn on water supply.
8. Start pressure washer and place spray wand into high pressure setting to test.

**CLEAN THE WATER INLET FILTER** - This screen filter should be checked periodically and cleaned if necessary.

1. Remove filter by grasping end and removing it from water inlet of pump.
2. Clean filter by flushing it with water on both sides.
3. Re-insert filter into water inlet of pump. NOTE: Convex side faces out

## STORAGE

**ENGINE** - Consult the Engine Owner's Manual for manufacturer's recommendations for storage.

### TO PREVENT FUEL-RELATED PROBLEMS

1. Add Ethanol Shield fuel stabilizer following the manufacturer's instructions. When adding a gasoline stabilizer, fill the fuel tank with fresh gasoline. If only partially filled, air in the tank will promote fuel deterioration during storage. If you keep a container of gasoline for refueling, be sure that it contains only fresh gasoline.

2. After adding a gasoline stabilizer, run the engine outdoors for 10 minutes to be sure that treated gasoline has replaced the untreated gasoline in the carburetor.
3. Turn the fuel valve to the OFF position.
4. Continue to run the engine until it stops from the lack of fuel in the carburetor fuel bowl. Running time should be less than 3 minutes.

PUMP - The manufacturer recommends using SIMPSON® / POWERWASHER® Pump Guard or equivalent when storing the unit for more than 30 days and/or when freezing temperatures are expected. SIMPSON® / POWERWASHER® Pump Guard is environmentally friendly

1. Turn off pressure washer and disconnect hoses from pump.
2. Unscrew bottle valve from Pump Guard bottle and remove seal.
3. Screw bottle valve back onto bottle.
4. Attach bottle to water inlet of pump.
5. Squeeze bottle to inject contents into pump.
6. With ignition switch off, simultaneously pull starter rope and squeeze bottle. Repeat until protector fluid exits pump outlet. NOTE: This step may require two people.

#### **Warning**

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.