

## Pressure Washer 4000/5000 PSI

### OPERATING INSTRUCTIONS

#### Before Starting

1. Read all manuals provided with this pressure washer. Become familiar with location and function of all operating and safety controls.

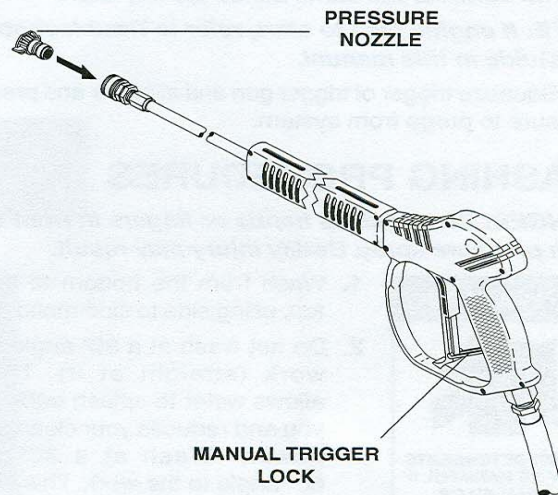
**CAUTION:** Check hoses, fittings, wand, and trigger gun daily for signs of wear, cracks and looseness, and replace as required.

2. Connect water supply hose to the garden hose connector located on the pump. The water faucet and supply hose must be capable of providing a minimum of 5.0 gallons per minute (GPM).
3. Fill the engine fuel tank. Do not overfill, fill to the bottom of filler neck only. Use lead free gasoline minimum 85 octane. **DO NOT** use gasoline containing methanol. Refer to the provided **gasoline engine manual** for additional details.
4. Check pump and engine oil levels.

**IMPORTANT:** Before installing pressure nozzle on initial start-up, turn on the water supply and allow water to run from the end of the wand until clear to prevent the nozzle from clogging.

**IMPORTANT:** If the pressure washer has not been used for an extended period of time, remove the pressure nozzle from the end of the wand and turn on water supply. Allow water to run from the end of the wand until clear.

5. Install the proper pressure nozzle for your cleaning needs on end of wand, refer to the picture below.



**IMPORTANT:** The trigger gun provided with this pressure washer is equipped with a manual trigger lock to prevent accidental operation of the trigger gun. The trigger lock should be used whenever the trigger gun is not in use.

#### To Start

**IMPORTANT:** The water must be turned on before starting. Running the pump dry will cause damage and void warranty.

**IMPORTANT:** Do not allow the machine to run with trigger of the trigger gun released for more than 10 minutes at any one time or damage to pump may occur.

1. Turn ON water supply.
2. Hold wand firmly, release trigger of trigger gun.
3. Turn fuel shutoff valve to ON position (if so equipped). Move choke lever to full choke position (choke may not be needed on warm engine). Move throttle lever to full throttle position.
4. Turn key on engine clockwise, hold until engine starts. **DO NOT** crank engine for longer than 15 seconds at any one time or starter damage may occur.
5. When the engine starts, move choke lever until engine runs smoothly. When engine warms, move choke lever to no choke position.

**NOTE:** If the battery charge is too low to start the engine, the manual rope start may be used. Set the engine controls the same as for the key start.

**NOTE:** If engine fails to start, refer to *Troubleshooting Guide* in this manual.

6. Squeeze trigger of trigger gun and allow air and pressure to purge from system.

## WASHING PROCEDURES

**DANGER:** Do not place hands or fingers in front of high pressure spray. Bodily injury may result.



1. Wash from the bottom to the top, using side to side motions.
2. Do not wash at a 90° angle to work (straight at it). This allows water to splash back at you and reduces your cleaning power. Wash at a 30° to 60° angle to the work. This will allow the water to splash away from you and the water will wash the dirt away faster and easier.
3. Use the full width of the spray pattern to wash in a wide path. Overlap spray paths for complete coverage. Wash from side to side, using slow, steady motions.
4. The nozzle should be 12" to 24" from work, closer for tough areas. Be careful on painted or delicate surfaces, the pressure may damage surface if nozzle is too close.
5. Small parts should be washed in a basket and larger, lightweight parts should be clamped down so the pressure does not push them away.

## SHUTDOWN PROCEDURES

1. Move throttle lever to idle position.
2. Turn engine ON/OFF switch to the OFF position.

**IMPORTANT:** Do not use choke lever to stop engine as damage to engine may occur.

3. Turn fuel shutoff valve to OFF position (if so equipped).
4. Turn water supply OFF.
5. Squeeze trigger of trigger gun to relieve system pressure.

## STORAGE



**DANGER:** Do not store flammable liquids (gasoline, diesel fuel, solvents, etc.) near pressure washer, or in non-ventilated areas.

1. Protect from freezing by storing in a heated area, or by flushing the system with antifreeze (use an automotive engine antifreeze or windshield washer solvent to antifreeze). To flush the system with antifreeze, attach a short length of hose to the garden hose connector located on the pump. Place the other end of the hose into a container of antifreeze. Start machine and allow to run until antifreeze flows from the end of the wand. Squeeze and release the trigger of the trigger gun several times to antifreeze the unloader system. If the pressure washer is not to be used for an extended length of time, it is recommended that the system be flushed with antifreeze for rust protection. Refer to provided **gasoline engine manual** for engine storage information.