



POWERMATE 2400 PRESSURE WASHER

SAFETY FEATURES

THERMAL RELIEF VALVE

A thermal relief valve is provided to protect the pump from overheating if the spray gun is closed for an extended length of time or the nozzle becomes plugged. However it is intended to be used as a backup system and every effort should be made not to permit the pump to heat up.

SAFETY LOCK OFF LATCH

To prevent accidental discharge of high pressure water, the safety latch on the trigger should be engaged whenever the pressure washer is not in use. (See operating instructions section in this document.)

LOW OIL SHUTDOWN

This unit is equipped with a low oil sensor. If the engine oil level becomes lower than required, the pressure washer will automatically shut off. This protects the pressure washer engine from operating without proper lubrication.

If the pressure washer engine shuts off and the oil level is according to specification, check to see if the pressure washer is sitting at an angle that forces oil to shift. Place on an even surface to correct this. If the engine fails to start, the oil level may not be sufficient to deactivate low oil level switch. Be sure the pump is completely full of oil.

SPRAY NOZZLE SELECTION

Following is information concerning the four nozzles provided with the pressure washer. **NOTE: The force of the spray on the surface you are cleaning increases as you move closer to the surface.**

0° High Pressure (Red): The water stream discharged is very aggressive. Use with extreme caution to prevent damage to the surface being cleaned or injury to persons or animals.

15° High Pressure (Yellow): This is the nozzle used for most cleaning applications. It provides wide coverage and a powerful water system.

40° High Pressure (White): This nozzle is used for cleaning with a wider coverage over a larger area with a powerful water system.

65° Low Pressure: (Black): Provides low pressure spray and a wide coverage. Used primarily when operating the chemical injector to apply chemicals.

OPERATING CONNECTIONS

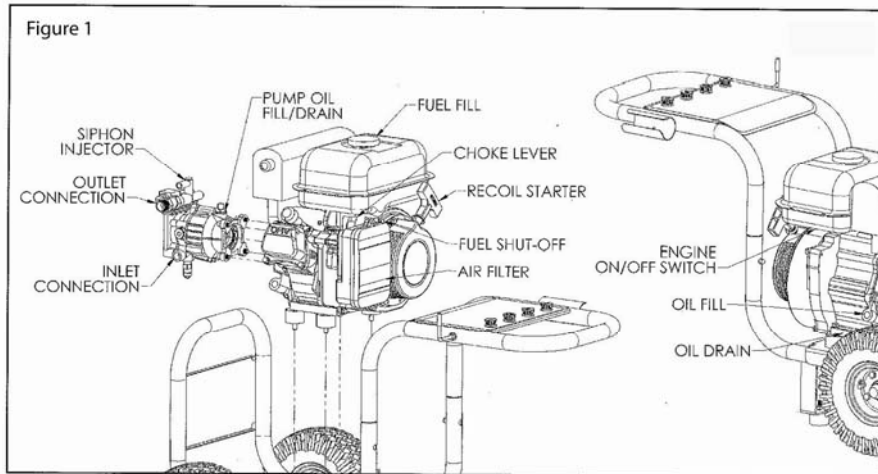
HIGH PRESSURE HOSE

Attach the high pressure hose to the fitting located on the pump. See Figure 2 below. **NOTE: Do not use a high pressure hose from another manufacturer.**

WATER CONNECTION

Before connecting to unit, run water through a garden hose (not supplied) to flush out any foreign matter. Check that the screen is clean and is in the inlet of the pump. Attach garden hose to the pressure washer water inlet (See Figure 2).

NOTE: The water supply must provide a minimum of 4 g.p.m. at 20 p.s.i. or the pump will be damaged.



OPERATING INSTRUCTIONS

STARTING THE ENGINE

1. Check oil and fuel level.
2. Adjust choke prime as necessary.
3. Set the engine switch to the "ON" position.
4. Squeeze trigger on pressure washer to release pressure while pulling on the engine starter rope with a fast steady pull. Pressure may otherwise buildup making starting the unit difficult.
5. As the engine warms up, readjust the choke.

CHEMICAL INJECTION (IF USED)

1. Attach injection tube assembly to the siphon injector on the pump (See Figure 2).
2. Open a container of Coleman® Powermate® Pressure Washer Chemical and place next to the unit near the injector tube.
3. Visually inspect strainer at the end of the injection tube to verify that it is not clogged.
4. Insert the injection tube into the container all the way to the bottom.
5. If chemical injection is adjustable, set injection rate by turning valve clockwise until it is tight. Then turn valve counterclockwise to increase injector rate and clockwise to decrease injector rate.
6. Remove the high-pressure nozzle (Red) and install the Black nozzle. The solution will automatically be mixed with the water and discharged through the nozzle.
7. The low pressure nozzle (Black) should be used when operating the chemical injector to apply chemicals. When low pressure is required, grasp and slide nozzle cover away from the gun.

NOTE: For certain models, if the engine throttle is not in the "fast" position, the injection of the solution may be decreased or stopped.

CLEANING TECHNIQUES

When cleaning with the pressure washer, many cleaning tasks can be solved with water alone, but for most tasks, it is advantageous to use a detergent also. A detergent ensures a quick soaking of the dirt allowing the high pressure water to penetrate and remove the dirt more effectively. Coleman® Powermate® Pressure Washer Chemicals are specifically formulated to be used with this pressure washer.

APPLICATION OF SOAP OR DEGREASER

1. Apply the solution to a DRY work surface. On a vertical surface, apply horizontally from side to side starting from the bottom to avoid streaking. **NOTE: Wetting the surface first is not recommended, as it dilutes the detergent and reduced its cleaning ability. Avoid working on hot surfaces or in direct sunlight to minimize the chances of the chemical damaging painted surfaces. Damage may occur to painted surface if chemical is allowed to dry on the surface. Hold nozzle far enough away from surface to prevent damage to the surface.**
2. Allow chemical to remain on the surface for a short time before rinsing.
3. Rinse with clean water under high pressure. On a vertical surface, rinse from the bottom up, then rinse from the top down. Hold nozzle 6 to 8 inches from the work surface at a 45° angle using the flat spray as a peeling tool rather than a scrub brush.

END OF OPERATION

If you have used the chemical injection system, remove tube from container. Continue to run in low pressure position and inject clean water through the tube and injection system by placing end of tube in a container of clean water. Continue to run until it is thoroughly cleaned.

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