

CLIFF'S

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Troubleshooting Tips for Electric Pressure Washers

Machine Will Not Start

- Extension cords with improper wire will impede energy flow, causing the motor to run beyond capacity and burn out. Less than 25', use 14 gauge, 25-50', use 12 gauge, 50-100', use 10 gauge.
- Check the power outlet. (Try another appliance or plug the machine into another outlet.)
- Remove the hose and gun. A plugged nozzle will not release the pressure, which will cause the shut-off switch to stay in the off position.
- Check the power cable by inspecting the wire and plug for physical damage that may restrict current supply.

Machine Stops and Starts during Use

- Remove the wand. If the problem persists, chances are that this is an electrical/mechanical problem, and will require service.
- Check the nozzle by blowing high pressure air back through, to clear any foreign material. Partial plugging of the nozzle raises operating pressure, which activates the shut-off switch.

Machine Stops and Starts While Gun Trigger is Closed

- Check for leaks. External leaks at the pump, hose, gun or connections will cause a pressure loss, which will cause the machine to start and build pressure. Once the required pressure has been reached, the machine will shut off. At that point, the air will start to leak out and when the pressure gets to a low enough point, the machine will start again until an acceptable pressure level is achieved.
- If a leak is not evident or correctable, the machine will require service.

Machine Has Low Pressure

- Check for water leaks
- For Simonize model S1500 (39-8655) pull the end of the nozzle from low pressure to high pressure (refer to Pg. 12 of operators manual, 8"x10" insert in box, orange sticker on nozzle end of the wand).
- External leaks at the pump, hose, gun or connections will cause a pressure loss during operation.
- Check the water supply. A plugged inlet strainer, kinked supply hose or an incompletely opened water faucet will restrict the flow of water to the pump and reduce pressure.
- Check the nozzle. A damaged, obstructed or worn nozzle will cause too high or too low operating pressure.

Machine Won't Supply Detergent

- Remove the wand. This will give the lowest pressure. If the detergent spurts, clean the nozzle and it will not require service.
- Check the nozzle setting. The low-pressure setting must be used for the detergent function to operate.
- Check the detergent control. Some machines are equipped with a detergent metering valve, and the valve needs to be opened before use.