Pressure Washer Troubleshooting Guide

When the trigger is depressed, there is a quick burst of high pressure and then only city water pressure output from the unit

1. Check the water supply hose for leaks or anything preventing water from flowing properly to the pump
2. Check the nozzle for clogs that would cause it to shift to low pressure mode (remove orifice with 5/64” allen/hex wrench)
3. Check that the orifice has not fallen out of the variable nozzle (when applicable)

When the trigger is depressed, there is no high pressure burst at all, and the water is only low pressure (city water pressure)

1. There is debris in the pump valves. Remove the pump head and clean the check valves which are located under the valve caps. In many cases, this can be prevented by the use of a proper inlet filter on the pump.
2. Ensure that the garden hose is not kinked, causing insufficient water supply flow to the pump.
3. The shaft key may have slipped off which means that the motor shaft is spinning freely and not engaging the pump. Remove the pump to ensure that the shaft key is in place on the motor shaft.
4. The pump may have internal damage preventing it from functioning properly. In most cases, it is not cost effective to repair the broken pump and a new pump is required. Remove the old pump and install a new pump on the engine.

When the trigger is depressed, there is low pressure accompanied with a large amount of vibration

1. Inadequate water supply getting to the pump (Check connections and ensure no kinks in water feed hose)
2. Debris in check valves or damage to check valves (Clean or replace check valves)
3. Inlet filter is clogged or missing (Clean or replace inlet filter)
4. Internal pump damage in the oil section of the pump (Pump replacement suggested)

When the trigger is depressed, the engine bogs down

1. Engine air filter is dirty from debris or oil (Clean or replace air filter)
2. Pump bearings damaged or binding (Replace bearings or pump)
3. Pump is off set or binding on the engine (Remove pump and re-mount on engine shaft)
4. Clogged nozzle is preventing water flow (Clean or replace nozzle)
5. Internal pump issues (pump replacement suggested)

The unit will not draw soap/detergent when the trigger is depressed (Note: Soap only works in low pressure mode)

1. Ensure that nozzle is in low pressure position or that there is an actual soap tip installed
2. Chemical injector is not functioning properly – clean or replace
3. Chemical hose is not submerged in the soap/detergent container
4. Internal damage or obstruction to pressure washer gun or hose

Engine will not start

1. Check oil level – Bearings may be bad due to improper amount of oil in the engine
2. Bad Spark Plug - Replace spark plug
3. Bad fuel – Old fuel may have collected water, or clogged the carburetor. Clean or replace carburetor.
4. Out of fuel – Fuel may have evaporated so check for adequate fuel supply
5. Inlet Valve stuck out of correct position – Bring to service center for repair
6. Over choking/not enough choking on engine
7. Air filter clogged with debris – Clean or replace

NOTE: If engine cord is hard to pull, it may be caused by an improperly mounted pump or damaged pump bearings. Remove the pump and see if the engine cord becomes easier to pull without the resistance from the pump.

Please contact us for more troubleshooting tips if still experiencing pressure washer issues

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