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TROUBLE SHOOTING GUIDE for PRESSURE WASHERS

CAUSE

SOLUTION

Engine won't start

Engine throttle is in "OFF" Position..... Set throttle to "RUN" position.
 Pressure build-up after initial use.....Depress the trigger gun.
 Engine switch is off.....Switch engine on.
 Carburetor not primed.....Prime carburetor.

Won't draw chemical

Nozzle not in chemical draw position.....Set nozzle to chemical.
 Chemical screen is obstructed.....Check chemical screen, clear obstruction.
 Chemical screen not working.....Make sure chemical screen is submerged in
 chemical /water.
 Injector orifice obstructed/stuck.....Check & Clean.

Pump running normally, But pressure doesn't achieve rated values.

Water supply restricted.....Check water supply & filter screen for
 blockage, kinks, leaks, etc.
 Nozzle is in low PSI position.....Set nozzle to the high-pressure position.
 Nozzle incorrect or worn.....Check & replace.
 Pump sucking air.....Check that hoses & fittings are airtight.
 Nozzle Blocked.....Clean nozzle.

Fluctuating Pressure

Pump sucking air.....Check that hoses & fittings are airtight. Purge air
 from garden hose.
 Garden hose inlet strainer clogged.....Clean & check filter frequently.
 Worn seals or packing.....Check or replace.
 Inadequate water supply.....Check flow available to pump. Check for excessive
 heat-145°F.
 Fouled or dirty inlet or discharge valves..Clean inlet & discharge valve assemblies. Replace if
 damaged.
 Leaky discharge hose.....Check connection. Replace if cracked or punctured.

Pressure drops after a period of normal use

Nozzles clogged, partially obstructed... Clean or Replace.
 Nozzle worn.....Check & Replace.
 Valves worn, dirty or stuck.....Check, clean or replace.
 Worn piston packing.....Check and Replace.

Pump noisy

Water too hot.....Reduce temperature below 63°C or 145°F.
 Pump sucking air.....Check that hoses & fittings are airtight.
 Valves dirty or worn.....Check, clean or replace.
 Worn bearings.....Check & replace oil seals.

Presence of water in oil (milky), Water dripping from pump.

High Humidity.....Change Oil.
 Piston packing & oil seal worn.....Check & replace oil seals.

Water dripping from pump

Fittings loose.....Tighten fittings.
 O-rings or piston guide retainer worn.....Check & replace.
 Piston packing worn.....Check and replace.

Oil Dripping

Oil seal worn.....Check and replace.
 Loose drain plug or worn o-ring.....Tighten drain plug or replace o-ring. Do not over
 torque.