

SAFETY/RISK/HAZARD ASSESSMENT

PLANT INFORMATION

NHG Ref/Part No.	PREWASH
Plant ID:	
Plant Name:	Honda Gx390 4000psi 15lpm Slow Speed Pump
Potential Noise Level in Db:	95 to less than 100
Required hearing protection class:	3
Operator Competency:	Plant Licence Not Required



Protective
equipment
must be worn
when operating
this machine



RISK ASSESSMENT INFORMATION

Potential Hazard(s)

It is the operator's responsibility to ensure that the worksite on which this equipment is to be used is equipped with the appropriate fire protection devices as per Australian Standard AS 2444-2001 Portable Fire Extinguishers and Fire Blankets.

Explosion or fire from fuel vapours

Risk Level Medium

Control Measures Stop engine before refuelling. Do not refuel while hot. Avoid spillage of fuel when refuelling. Ensure the fuel cap is properly secured after refuelling. Carry out visual checks for fuel leaks and repair before operation. Keep flammables away from the engine. Do not smoke while operating, servicing or refuelling this machine.

Exposure to ultraviolet radiation if working outdoors

Risk Level Medium

Control Measures Wear sunscreen, hat, long sleeves and long pants.

Injury or ill health due to exposure to exhaust or fuel fumes

Risk Level Medium/Low

Control Measures Do not operate in confined space. Use in well ventilated area, preferably with fume extraction ventilation. Avoid breathing or coming into contact with fuel.

Injury from contact with moving parts

Risk Level Low

Control Measures Do not hold fingers over the high pressure nozzle.

Wear safety goggles to avoid eye injury from spraying liquid

KEY OPERATING INSTRUCTIONS

INITIAL START UP/MACHINE PREP

1. Check the oil in the pump and gearbox.
2. Ensure breather plug is fitted to pump.
3. Note that the gearbox has a separate oil reservoir. Gearbox oil is SAE 90 gear oil.
4. Connect battery leads on electric start machines.
5. Check oil level in engine and fill with proper grade oil if necessary.
6. Check fuel level and fill if necessary
7. Assemble gun/lance assembly.

HOSE CONNECTIONS

1. Connect high pressure hose to machine outlet.
2. If optional low pressure downstream, in-line chemical injector is to be used, connect the injector tube to the detergent inlet and place the other end of the tube, with the strainer attached, in the chemical container (not supplied).
3. Connect gun/lance assembly to high pressure hose.
4. Check inlet water filter is clean then connect water supply hose to machine. Use a 25mm (minimum) hose.

BEFORE STARTING THE MACHINE

1. Ensure machine is level.
2. Turn on water supply.
3. Pull gun trigger until water starts to flow in a steady stream then release trigger.

STARTING THE MACHINE

1. Ensure fuel valve is open.
2. Move the choke on the engine to the closed position (see fig. 1). If engine is warm, move choke half-way.
3. Turn engine ON/OFF switch to ON.
4. Hold the gun trigger on.
5. Start engine, either turn engine key or pull the recoil starter grip lightly until resistance is felt, then pull briskly.
6. After engine starts, release the gun trigger and slowly open the choke.
7. Warm up engine for 3 minutes without load.

STOPPING THE MACHINE

1. If using the detergent injector, flush out the chemical by running clean water through the system.
2. Allow machine to run for 1 minute without load to cool before stopping.
3. Turn engine ON/OFF switch to OFF.
4. If your machine has a recoil start, pull recoil start until compression resistance is felt. Store the machine in this position to help prevent valve warpage or sticking.
5. Close fuel valve. FAILURE TO CLOSE THE FUEL VALVE ON THE ENGINE CAN CAUSE FUEL LEAKAGE WHEN THE MACHINE IS BEING TRANSPORTED!
6. Turn off water supply.
7. Pull gun trigger to release all pressure in the system, then LOCK THE TRIGGER.
8. Hoses may now be disconnected from the machine.

**Please refer to the User Guide and Operators Manual
for detailed Operating Instructions**

The safety information contained in this assessment is general information only and should not be relied upon as a substitute for professional advice or tuition, which the hirer should seek before operating.