

186 & 248 bar petrol pressure washer units

If you have purchased a stationary, trailer, flowbin, horizontal or trolley unit then the process remains the same

Components:

1. Tank outlet ball valve
2. Pressure adjustment valve
3. High pressure hose
4. Lance
5. Tank lid
6. Water filter
7. Hose quick release connector
8. Oil Refill cap

Before starting the unit:

1. Remove red oil cap - replace with black & yellow breather cap
2. Check engine oil level.
3. Check fuel level.
4. Check for visible leaks (oil, fuel and water)
5. Check for basic wear and tear and replace if necessary.
6. Ensure engine mounting tautness.
7. Ensure no loose components on engine.
8. Connect pressure hose (3) Male to hose connector (7) female.
9. Connect Pressure hose (3) female to Lance (4) male.
10. Connect nozzle to lance (quick connector)
11. Make sure the unit has water in.
12. Make sure tap 1 is open.



How to fill the unit:

1. Close outlet ball valve (1)
2. Open tank cap (5) and fill with CLEAN water.
3. Follow start up procedure for use.

Engine Start-up procedure:

1. Move on/off switch (4) to the on position.
2. Move choke (2) to on position.
3. Ensure fuel cock (3) is open.
4. Move throttle lever (1) slightly open.
5. Depress trigger on lance to release pressure.
6. Pull recoil starter rope to start engine. Do ensure the recoil mechanism has engaged the motor before pulling the rope.
7. Once engine is running move choke (2) to the off position.
8. Let engine idle until the exhaust is warm to touch, only then can you open the throttle to desired engine speed.
9. Once warm then use the unit as required.
10. Confirm the water is circulating.



How to use the hose:

1. Ensure outlet ball valve (1) is open.
2. Open tank cap (5) so not to cause a vacuum.
3. Depress trigger on lance for pressure spray
4. Pressure return valve (2) can be adjusted + and - for increased or reduced pressure. Ensure not to unscrew completely.
5. When not spraying, pump will automatically revert to circulation mode
6. After use, switch off and clean filter.

Flowbins
You need it, we customize it

We tank, pump and pipe anything

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Shut down procedure:

1. Move throttle (1) to the idle position.
2. Move on/off switch (4) to the off position.
3. Ensure fuel cock (3) is closed.

General Maintenance:

Engine - NB!! The engine is 4 stroke and uses unleaded fuel.

1. First service after 1 month or 20 hours of operation, thereafter every 3 months or 50 hours.
2. Service should consist of:
 - a. Replace engine oil (15w40 multigrade - approx. 500ml... use dip stick for accurate measurement)
 - b. Replace spark plug (NGK BP6ES)
 - c. Air filter clean or replace:
 - i. Clean the foam portion in cleansing solvent and dry every 50 hours (every 10 hours if in unusually dusty circumstances). Then immerse in clean engine oil until saturated, squeeze out excess oil.
 - ii. Replace if required.
3. Check for visible leaks or breakages and repair / replace immediately.
4. Check proper function of recoil starter.

Pressure pump -

5. First service after 1 month or 20 hours of operation, thereafter every 3 months or 50 hours.
6. Service should consist of:
 - a. Drain and flush pump oil.
 - b. Replace oil (15w40 multigrade - approx. 500ml... use spy glass for accurate measurement)

NB:

1. Make sure yellow/black breather cap is fitted.
2. Red cap is for transport only.

Problem solving:

1. Engine will not start:
 - a. Ensure there is fuel in the tank.
 - b. Ensure the fuel cock is open.
 - c. Ensure the on off switch is in the on position.
 - d. Check coil wire to spark plug is not damaged.
 - e. If all is correct, then refer Flowbins.
2. No water through spray nozzle(s):
 - a. Ensure the engine is started and running.
 - b. Ensure the unit has enough water.
 - c. Ensure tank outlet valve (1) is open.
 - d. Check for dirty or clogged filter.
 - e. If all is correct, then refer to Flowbins.

NB!! Do not let the pump run dry as this will damage the internals of the pump.

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