

100bar Pressure Washer Unit

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

Components:

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

Before starting the pump assembly:

1. Remove red oil cap - replace with black & yellow breather cap.
2. Check piston pump oil level. Fill to middle dot on watch glass.
3. Check for visible leaks (oil and water).
4. Check for basic wear and tear and replace if necessary.
5. **Ensure all bolts and nuts are fastened and haven't loosened due to vibration.**
6. Connect pressure hose (3) Male to hose connector (6) female.
7. Connect Pressure hose (3) female to Lance (4) male.
8. Connect nozzle (7) to lance (quick connector)
9. Make sure unit has water in.
10. Make sure tap 1 is open.



NB:

1. Never set unloader (2) higher than 100 bar. Pressure return valve (2) can be adjusted + and – for increased or reduced pressure.

How to fill the unit:

1. Open tank lid (on top) and fill with CLEAN water.
2. Follow start up procedure for use.

Engine Start-up procedure:

1. **ELECTRICITY SUPPLY NEEDS TO BE CONSTANT AND NOT DIP BELOW 213VOLTS MINIMUM OR RISK OF BURNING THE MOTOR & VOIDING WARRANTY.**
2. Depress trigger on lance to release pressure.
3. Confirm the water is circulating back to tank if trigger gun is not pulled.



How to use the hose:

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

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Shut down procedure:

1. Press spray gun to release pressure and switch unit off.

General Maintenance:

Piston Pump -

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 oil of piston pump 15W40
 - b. Fill oil to middle dot on watch glass

NB:

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