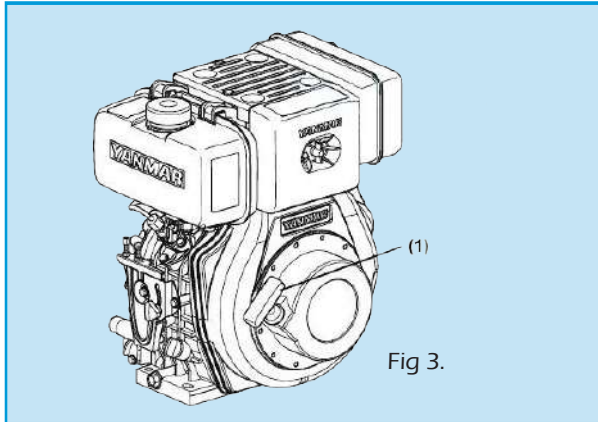


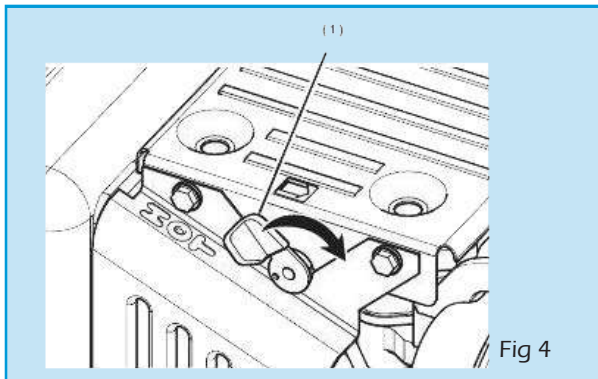
Recoil Starter

A recoil starter allows you to manually start the engine Fig 3 (1).



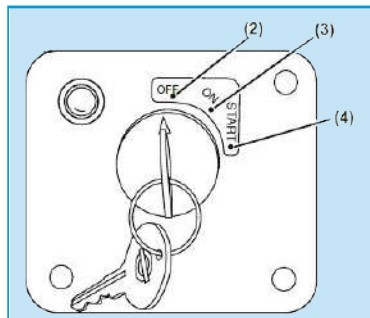
Decompression Lever

The decompression lever fig 4 (1) is used to aid starting the engine. Push back the decompression lever before attempting to pull the recoil assembly controls.



If the engine is equipped with electric start it will have a three position key switch or starter push button.

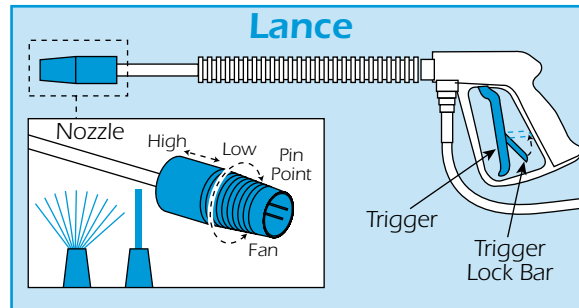
Key switch OFF (2), ON (3) START (4).



Caution
Only hold the key in the START position for 15 seconds or the starter motor will overheat.

BASIC TECHNIQUES

Set the engines throttle control to 'fast', release the trigger lock then squeeze the trigger to flush any air from the system.



The spray pressure can be adjusted at the spray lance. For low pressure slide the nozzle forward and for high pressure slide the nozzle back. The pressure can also be adjusted at the pump, to increase pressure turn the pressure control clockwise, to decrease, turn anti-clockwise. The spray pattern can be adjusted to either a fan or pinpoint. To set to fan, turn the nozzle anti-clockwise to set pinpoint, turn clockwise.

If a detergent is to be sprayed, reduce the spray pressure at the nozzle. Triggering the lance will now draw the chemical into the system automatically. You can alter the percentage mix of detergent and water by turning the red chemical inlet valve anti-clockwise to increase and clockwise to decrease. If you then wish to spray without detergent, push the nozzle back to high pressure. The chemicals will continue for a short while as the residue is cleared.

EQUIPMENT CARE

Never push the equipment beyond its design limits. If it will not do what you want with reasonable ease and speed, assume you have the wrong tool for the job. Contact your local HSS Hire Shop for advice.

Keep the equipment clean – you will find this less of a chore if you clean it regularly, rather than wait until the end of the hire period.

Handle hoses with care. Never run them over sharp edges or anywhere else that exposes them to the risk of damage.

Regularly check the fuel level and top up as required using the correct fuel: diesel.

Check the engine oil level daily. Let the engine cool, stand it on level ground, withdraw the dipstick and wipe clean.

Now, replace the dipstick, withdraw it a second time and verify that the oil level is between min and max. Top up as necessary.

When not in use, store the equipment somewhere clean, dry and safe from thieves. And where it will be protected from frost at all times.

FINISHING OFF

Switch off the engine and allow to cool.

Shut off the water supply and disconnect the supply hose fitting at the pump, simply turn anti-clockwise (see illustration) trigger the lance to drain any remaining water then refit the supply hose to the pump. During cold weather any remaining water may freeze and failure to drain the system may damage the pump.

Disconnect the pressure hose, drain out any water it may contain and coil it neatly.

You should now empty the bowser of any remaining water (if being collected by an HSS vehicle, the driver will refuse to collect unless it has been emptied).

Clean the unit as thoroughly as possible, ready for return to you local HSS Hire Shop.



... have you been trained

The law requires that personnel using this type of equipment in the workplace must be competent and qualified to do so.

Training is available at HSS Training
0845 766 7799

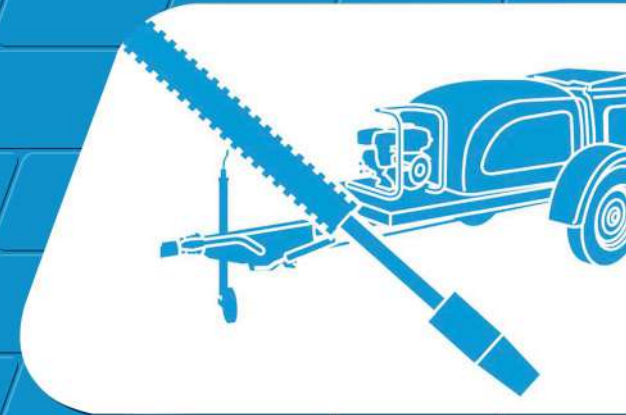
...any comments?

If you have any suggestions to enable us to improve the information within this guide please e-mail your comments or write to the Safety Guide Manager at the address below
e-mail: safety@hss.com

©HSS Hire Service Group Ltd 2020 No. 3006/01

76 Talbot Road, Old Trafford, Manchester, M16 0PQ

www.hss.com



Diesel Pressure Washer Bowser

A combination of a road towable water bowser and a diesel driven pressure washer. Ideal for use where there is neither a water supply nor electrical power.



GENERAL SAFETY

For advice on the safety and suitability of this equipment contact your local HSS Hire Shop.



There is a serious risk of personal injury if you do not follow all instructions laid down in this guide.


The hirer has a responsibility to ensure that all necessary risk assessments have been completed prior to the use of this equipment.


This equipment should only be used by an operator who has been deemed competent to do so by his/her employer.



This equipment should be used by an able bodied, competent adult who has read and understood these instructions. Anyone with either a temporary or permanent disability, should seek expert advice before using it.

Keep children, animals and bystanders away from the work area. Cordon off a NO GO area using cones and either barriers or tape, available for hire from your local HSS Hire Shop.

  Never use this equipment if you are ill, feeling tired, or under the influence of alcohol or drugs.

 Safety goggles MUST be worn by everyone in the work area.

 This equipment generates potentially harmful noise levels. To comply with health and safety at work regulations, ear defenders must be worn by everyone in the vicinity.

  Wear practical, protective waterproof clothing, gloves and footwear. Avoid loose garments and jewellery that could catch in moving parts, tie back long hair.

Take all necessary precautions to protect yourself and others against the possibility of contracting infectious diseases in your work environment.

Ensure the work area is well lit and ventilated, if in doubt, ask about lighting and ventilation equipment at your local HSS Hire Shop.

When full, the bowser weighs 750kg, only tow the bowser with a suitable vehicle.

Exhaust Danger

NEVER operate diesel engines indoors or in a confined space.

The exhaust contains gases that can Kill.

Pressure washing equipment can cause serious injury, so take care. Never point the spray lance at anyone and always engage the trigger safety lock when not actually washing.

Never direct the spray at or near anything electrical.

Take care where you lay hoses. Avoid running them where there is a risk of someone tripping over them.

Fuel Safety

NEVER refuel while the engine is hot or running. Never smoke or allow naked lights into the area while refuelling. Never inhale fuel vapour.

ALWAYS mop up spillages as quickly as possible, and change your clothes if you get fuel on yourself.

ALWAYS store fuel in a purpose-made sealed container, in a cool, safe place well away from the work area.

Always switch OFF the equipment when not in use.

Engines, especially the exhausts, get very hot so switch OFF and allow to cool before touching them.

Keep flammable materials well away from engine and exhaust.

Do not run the pump, with the lance trigger in the closed position, for more than 5 minutes. The pump needs a good flow of water to keep it cool. Without water movement, the pump will overheat and expensive damage will be caused.

If working above ground level, work from a suitable, stable platform, an access tower for example. Never work from ladders or steps.

Watch your footing. Take special care if working other than on firm, level ground.

Check the condition of the equipment before use paying special attention to tap connections, filler caps/lids and tyres. If it shows signs of damage or excessive wear, return it to your local HSS Hire Shop.

Ensure the tyres are in a road worthy condition and inflated to 35psi (2.4 bar).

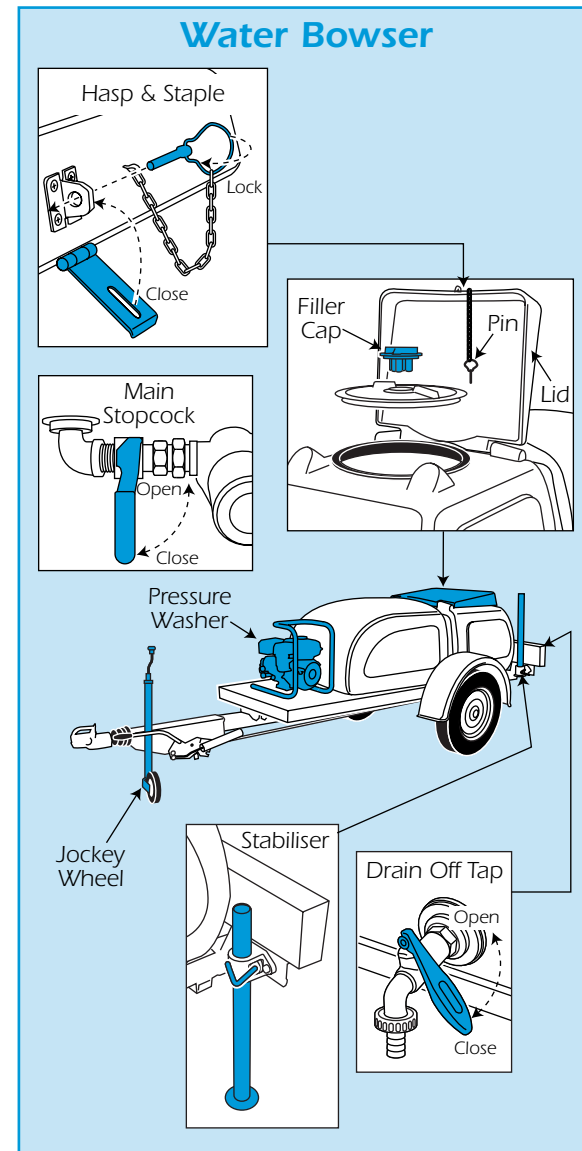
NEVER drink the water from a water bowser.

GETTING STARTED

You may only fill the pressure washer bowser with clean fresh drinking water, if the water becomes contaminated, contact your local HSS Hire Shop for advice.

Take the bowser to the source of water, check that the drain off tap and main stop cock are closed, then unscrew and open the filler cap.

Insert the supply hose (ensuring it is held securely) and begin filling.

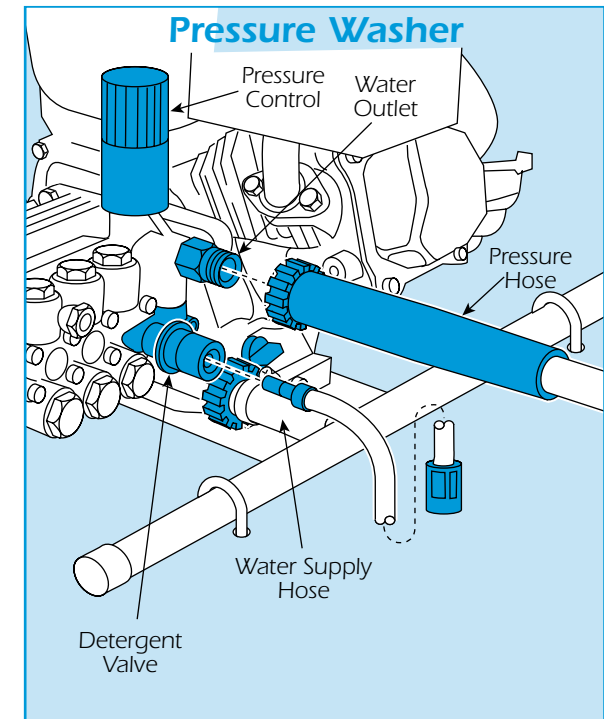


Fill the bowser until the water is no more than 300mm from the top, then turn off the supply and close and lock the filler cap.

Stand the bowser on a firm, level surface strong enough to bear its weight as far from the work area as the pressure hose will allow.

DO NOT park on slopes, soft ground or where there is a risk of subsidence.

Apply the handbrake and unhook from any towing vehicle, then set the jockey wheel to the correct height. For additional safety, deploy the rear stabiliser.



Check the engine oil and fuel levels, (see EQUIPMENT CARE').

Screw the pressure hose finger tight onto the unit's water outlet (see illustration).

The unit's water inlet is permanently connected to the bowser via a stopcock positioned under the front of the trailer unit. To open turn anti-clockwise 1/4 turn so that the lever is in line with the supply pipe.

This unit can be used to spray a mixture of water and detergent. Simply push the chemical suction hose into the red chemical inlet valve (push fit), then place the filter end of the hose into the detergent's container.

Lock the lances' trigger OFF using the trigger lock bar (see illustration).

You may now start the engine. NOTE: The engine MUST NOT be run without a water supply connected, as the pump uses the water to keep it cool and will quickly overheat if dry.

It is therefore important to flush out the air in the system by squeezing the lance's trigger as soon as the engine is running, until water flows freely from the nozzle.

The engine start function may be a key or push button switch.

Know Your Symbols

HSS have created clear Icons to inform the hirer of their responsibilities towards the safe use of hire equipment.

These are designed to reduce the amount of different safety information labels required for each product for hire.

General use PPE / Warning

Clearly marked minimum PPE will be visible on all equipment,



Correct PPE must be worn



HAV Hand Arm Vibration



Danger Rotating blade



Danger Hot exhaust



Danger Electric shock



Caution Abrasive Wheel



Caution Finger trap

Fuel and Supply Types



Pe
Petrol



Di
Diesel



2t
2 - Stroke Petrol



EI
Electric

Safe Procedures

All hirers must understand and respect the safe procedures of all equipment.

It is the responsibility of the hirer to maintain and return the equipment in a clean condition and good working order.



Ro
Read OPS Guide



Ou
Outdoor Use only



HI
Heavy Lifting



Cd
Check Oil daily



Cf
Check Fuel daily



Cw
Check Water daily



Bc
Battery Care



Sh
Safe Height Working



Swl
Refer to Data Plate



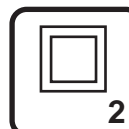
V
Check Power Voltage Data Plate

Electrical Safety

Safe wiring procedures.



Ea
Must be Earthed Class 1



Doi
Double Insulated Class 2



Enl
Earth Live Neutral Wire Coding

Return Responsibility

Charges apply to equipment returned dirty and damaged.



Cc
Cleaning Charge



Rc
Repair Charge