Jefferson®

PROFESSIONAL TOOLS & EQUIPMENT

6.5HP

GEARBOX PETROL WASHER

12.6 L/min Flow Rate • **2700psi / 185 Bar** Rated Pressure

Powered By: LONCIN

Stage V emissions standard

JEFWASPGRO65HP

User Manual

v.2.1

CE

CONTENTS

ABOUT THIS DOCUMENT

This manual has been compiled by Jefferson Tools and is an integrated part of the product with which it's enclosed and should be kept with it for future reference. Please read all of the information supplied in this User Manual before operating this product. This manual describes the purpose for which the product has been designed and contains all the necessary information to ensure its correct and safe use. We recommend that you read the information supplied before carrying out any maintenance or repair. By following all the general safety instructions contained in this manual you will help to ensure operator safety and extend the potential life span of the equipment.

All photographs and drawings in this manual are supplied by Jefferson Tools to help illustrate the operation of the product. Whilst every effort has been made to ensure accuracy of information contained in this manual our policy of continuous improvement determines the right to make modifications without prior warning. The information contained in this Instruction Manual is designed to assist you in the safe operation and maintenance of the pressure washer. Some illustrations in this Instruction Manual may show details or attachments that differ from those on your own model. Contact your nearest Jefferson Dealer if you are unsure about any information included in this manual or require any additional information about the safe use, operation maintenance, or repair of this equipment.

SPECIFICATIONS

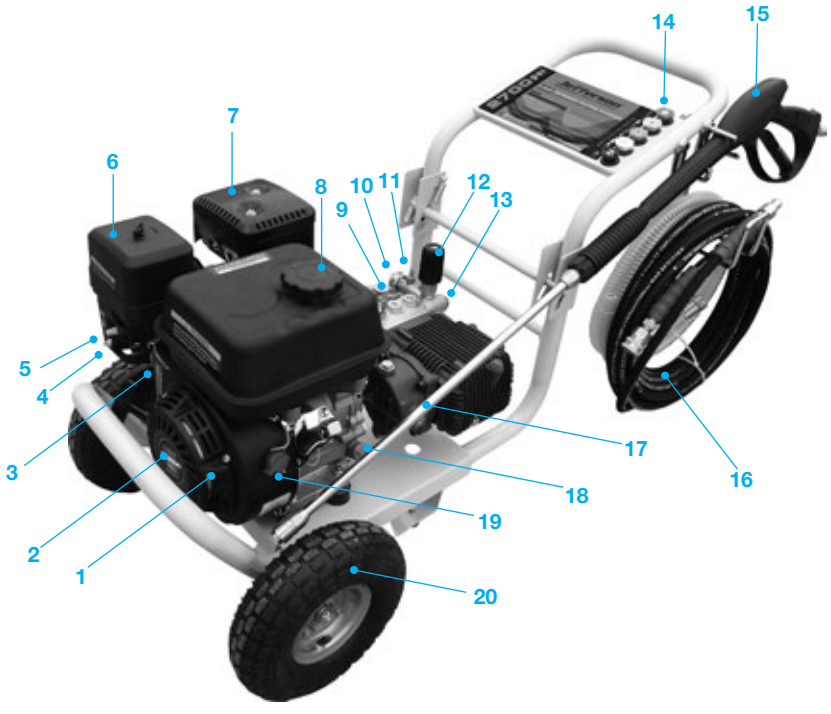
Flow Rate:	12.6 L/Min
Rated Pressure:	2700psi / 185bar
Engine:	Loncin 6.5HP Stage V / OHV Petrol 196cc
Starting System:	Recoil Start
Guaranteed Sound Power Level: *	101 dB Lwa
Fuel Tank:	3.6L
Lubrication Oil:	Engine: SAE 10W30 (600ml) Gearbox: SAE 10W30 (160ml) Pump: SAE 10W30 (440ml)
Hose:	10M Steel Braided
Lance:	20" Stainless Steel
Nozzles:	0°, 15°, 25°, 40°, 65°

*** Sound Power Level:**
The figures quoted in this table are emission (sound power) levels and are not necessarily safe working levels. Whilst there is a correlation between the emission and exposure levels, this can not be used reliably to determine whether or not further precautions are required.

Factors that influence the actual level of exposure to the work-force include the characteristics of the work room, the other sources of noise, the number of machines and other adjacent processes, and the length of time for which an operator is exposed to the noise. Also the permissible exposure level can vary between regions. This information, however, will allow the user of the machine to make a better evaluation of the hazard and risk.

EQUIPMENT IDENTIFICATION

1. Recoil Starter
2. 6.5HP Loncin Engine
3. Throttle Lever
4. Fuel Valve Lever
5. Choke Lever
6. Air Filter
7. Muffler
8. Fuel Cap / Fuel Tank
9. Brass Pump
10. Water Outlet
11. Detergent Injector
12. Pressure Adjustment
13. Water Inlet & Filter Screen
14. Cleaning Nozzles
15. Spray Gun
16. High Pressure Hose
17. Lance
18. Engine Oil Reservoir Cap
19. Ignition Switch
20. Wheels



SAFETY GUIDELINES

Please read and ensure that you understand all of the operating instructions, safety precautions and warnings in this Instruction Manual before operating or maintaining this equipment. An accident can often be avoided by recognizing a potentially hazardous situation before it occurs, and by observing the appropriate safety procedures. Hazards that must be avoided to prevent bodily injury or machine damage are identified by warnings on the equipment and in this Instruction Manual. Never use this equipment or modify it in any way that has not been specifically recommended by the manufacturer.

Risk of Explosion or Fire

Important: *Petrol and its vapours are extremely flammable and explosive. Fire or explosion can cause severe burns and injuries. Please follow the following guidelines:*

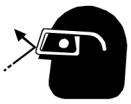
- Always shut off the engine and allow it to cool before adding fuel to the tank.
- Always use care when filling the tank to avoid spilling fuel. Move the pressure washer away from the fuelling area before starting the engine.
- Always operate and fuel the equipment in well-ventilated areas free from obstructions. Ensure that the work area is equipped with fire extinguishers suitable for petrol fires
- Never operate the pressure washer in an area containing dry brush or weeds
- Always keep the pressure washer a minimum of four feet away from surfaces that could be damaged by muffler exhaust heat (for example houses, cars, plants etc.)
- Always store fuel in an OSHA approved container in a secure location away from the work area
- Never spray flammable liquids.

Dangerous Fumes - Breathing Hazard

Important: *Running the petrol engine gives off carbon monoxide which is an odourless, poisonous gas. Breathing carbon monoxide can cause nausea, fainting or death. Some chemicals or detergents may be harmful if inhaled or ingested, seek medical advice immediately in the event of breathing any toxic fumes*

- Always operate this equipment in a well-ventilated work environment (avoid enclosed areas such as garages and basements etc.)
- Prevent exhaust fumes from entering into confined areas (for example: through windows doors, ventilation etc.)
- Do not operate near children or animals
- Only use fluids and detergents recommended by your supplier that are suitable for high pressure washers
- Always follow the manufacturers recommendations, wear a respirator or mask whenever there is a chance that toxic vapours can be inhaled
- Never use chlorine bleach or any other corrosive compound with this equipment

⚠ WARNING Risk of eye injury.
Spray can splash back or propel objects.



-- Always wear safety goggles when using this equipment or in vicinity of where equipment is in use.
-- Before starting the pressure washer, be sure you are wearing adequate safety goggles.
-- NEVER substitute safety glasses for safety goggles.

SAFETY GUIDELINES

This equipment should only be operated by qualified and responsible individuals who have read and understood the information and guidelines described in this document. In particular, the following safety instructions should be followed to reduce the risk of injury to the operator and members of the public.

1. Ensure that all the necessary safety precautions are observed for the handling of fuel.

2. Familiarise yourself with this equipment and its operation before use - **read this user manual carefully before use**. Save for future reference.

3. This appliance is for outdoor use only. Ensure that all bystanders are kept at a safe distance and that animals and children are kept from the work area. Ensure that the exhaust emissions are kept away from air intakes.

4. Never use this equipment if any part or accessory is damaged or malfunctioning.

5. This appliance has been designed for use with detergents specified by the manufacturer. Please consult the manufacturer or supplier for advise before using other detergents or chemicals in order to prevent damage to the equipment and the environment.

6. Do not direct the nozzle towards mechanical parts containing lubricant grease. High pressure jet can be harmful and dangerous always ensure a safe working distance when spraying objects and assess and fix the appropriate nozzle for the job at hand.

Never point the high pressure hose directly at people animals, live electrical parts or the appliance itself.

7. Do not step or stand on the high pressure hose and ensure that the hose is clean, free from debris, obstructions and kinks before use. Always unwind the hose fully before use.

8. Check and ensure that the nozzle has been fitted correctly before use as the high pressure can result in the nozzle being "fired" from the lance with considerable force if not fitted correctly.

9. Beware of kick-back force and the sudden torque on the spray gun assembly when operating the trigger.

10. Ensure that you have evaluated the pressure required for the job at hand and selected the appropriate nozzle before use. High pressure jets can remove paint and other specialised surface treatments (including alloy wheel lacquer). High pressure jets may also breakdown and remove the grouting between paving slabs and can even damage tarmac.

11. Always shut the equipment off completely when not in use and if left unattended.

12. Keep the hose clear from the engine exhaust as this can be extremely hot before and after use and can burn and damage the hose.

13. Never refuel the engine when it is running, and allow the engine to cool sufficiently before refuelling. Dry up any fuel spillage before restarting the equipment. Only use fresh clean high-quality fuel. Always restart the equipment away from the refuelling area. Fill tank to within 10mm of neck to allow space for fuel expansion.

14. Do not operate this equipment in an explosive atmosphere, near combustible materials.

15. Only operate outdoors in well-ventilated areas.

16. Never run the engine without oil - always check for oil and refill where necessary before use.

17. Only Jefferson approved engineers should carry out repairs and maintenance on this equipment. Only use Jefferson-approved replacement parts to repair this equipment. Never modify the equipment in anyway. Ensure that the equipment is kept in good working order and cleaned and serviced regularly. Regularly check external nuts and fixings to ensure that they have not loosened from vibration during use.

18. After use: remove the spark plug ignition lead from the back of the spark plug and position the lead to prevent avoid accidental reconnection. Store in a clean dry environment. Store all fuel in a suitable container designed for petrochemical applications - away from heat and out of direct sunlight.

UNPACKING & ASSEMBLY

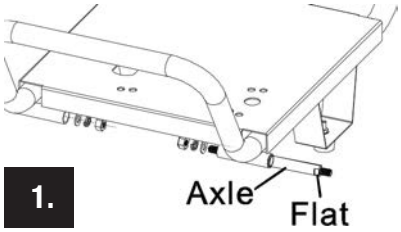
This equipment requires assembly and some initial servicing (adding oil and fuel) after unpacking.

1. Unpack the pressure washer:

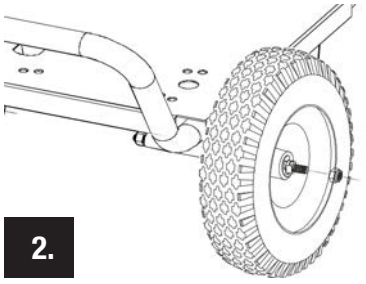
Set the carton on a rigid flat surface and remove all loose packaging, Leave the pressure washer in the carton.

Warning: *This equipment is heavy. Do not attempt to lift and remove the petrol washer from the carton without assistance.*

Using a safety knife or box cutter, open the carton completely by cutting down to the four corners allowing the sides to fall flat. Leave the equipment on the carton to provide a clean working surface to fit the wheel and rubber leg bumpers.

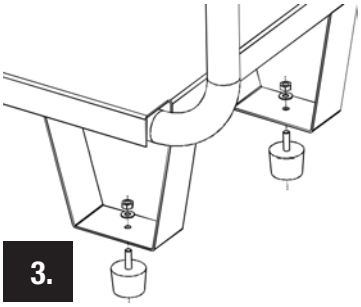


1.


2.

2. Wheel assembly:

Fit the axles into the axle ports as shown in **Fig 1.** Secure with the nut spring washer and washer. Fit the wheels to the axles and secure with the nut and washer **Fig 2**. *(***Note***: Do not overtighten the nuts to allow the wheels to turn freely.)*

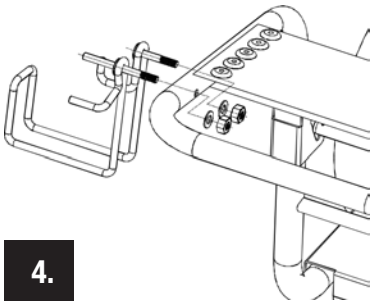

3.

3. Assemble the rubber feet:

Fit the rubber feet to the legs as shown in **Fig 3.**

4. Assemble the gun/hose hook:

Fit the hook into the position shown in **Fig 4.**

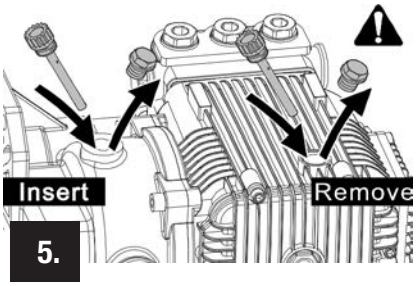

4.

5. Prepare the pressure pump and gearbox:

The pressure pump and gearbox are packed with a shipping plug inserted into the opening for the pump breather plug. It is important that the shipping plug is removed and replaced with the dipstick / oil plug to prevent damage to the pump.

Warning: *Failure to remove the shipping plugs could void the warranty for this equipment.*

Using a 17mm open-end spanner carefully remove the shipping plugs from the pressure pump and gearbox. Discard the shipping plug. (See **Fig 5.)** Remove the breather plug from the parts bag and insert it into the oil/dipstick socket. Tighten securely by hand to prevent any damage to the threads.

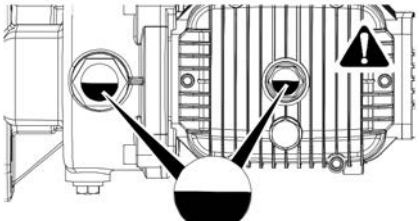


5.

6. Check/fill Oil:

Use the sight glass on the end of the pump and gearbox to ensure oil level is at 1/2 the level of the sight glass. (See **Fig. 6**). Use **SAE 10W30** oil for gearbox and pump (capacities are shown in the specification table on Page 4.

Note: *Outdoor temperatures can determine the proper oil viscosity*



6.

UNPACKING & ASSEMBLY

1. Adding Engine Oil:

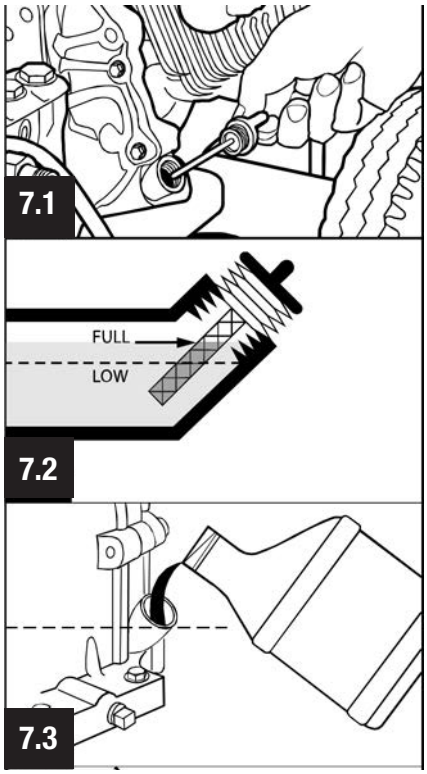
1. Place the assembled pressure washer on a flat, level surface.

2. Clean the area around the oil fill and remove oil fill cap.

3. Using an oil funnel slowly pour the oil into the oil fill to the required level. (See **Fig 7.1 - 7.3**).

Use SAE 10W30 grade oil to fill the engine oil resevoir (capacities are shown in the specification table on Page 4.

Important: *Never attempt to start the engine before oil has been checked and added. Failure to do so can result in engine failure and could void your warranty.*

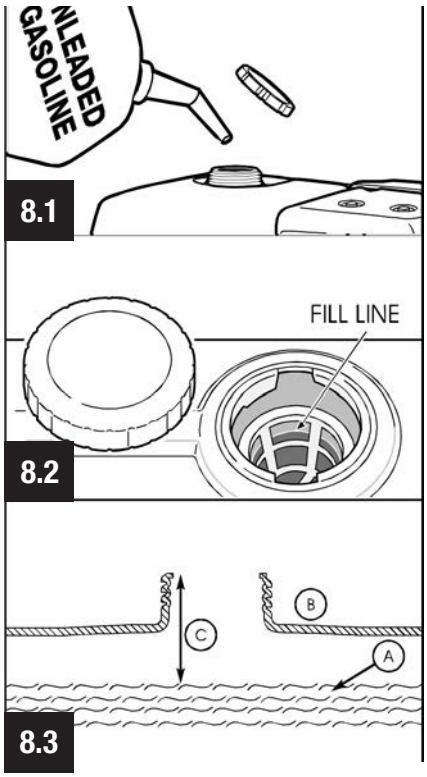


2. Adding Fuel:

Do not use any unapproved petrol types (for example E85 85% ethanol 15% petrol) - speak to your nearest Jefferson dealer for advice on the best unleaded petrol to use if you are unsure.
Do not mix oil with petrol.
Do not modify the engine to run on alternative fuels.

Mix in a fuel stabilizer when adding fuel to the pressure washer to protect the fuel system from forming deposits. If the engine does not run properly please check that you are using the correct type of fuel. The engine is certified to run on petrol. The emission control system for this engine is EM (Engine Modifications).

1. Turn the pressure washer Off and let it cool for at least two minutes before removing the fuel cap. Loosen the fuel cap slowly to release the pressure.
2. Always fill the fuel tank outdoors in good ventilation.
3. Do not overfill the fuel tank (See **Fig 8.2**).
4. Wait for spilled fuel to evaporate before cranking the engine.
5. Keep fuel away from sparks, open flames, pilot lights, heat and other ignition sources.
6. Clean the area around the fuel cap and slowly remove the cap to allow any pressure to escape.
7. (See **Fig 8.3**) Slowly add the unleaded petrol (A) to the fuel tank (B). Use extreme caution not to fill fuel above the baffle (C) to allow appropriate space for fuel expansion.
8. Replace the fuel caps and allow any spilled fuel to evaporate before starting the engine.

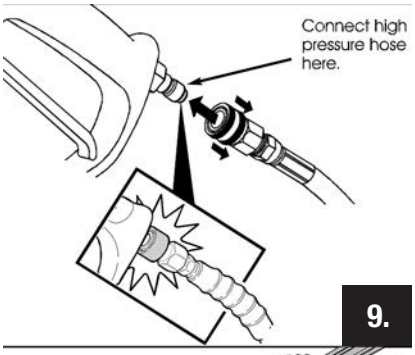


Important: *Fuel and fuel vapour are extremely flammable and potentially explosive. Take care to follow the following safety precautions when refuelling. Failure to use fuel as recommended in this manual can void your warranty.*

EQUIPMENT SETUP

1. Attaching the Spray Gun to the High Pressure Hose:

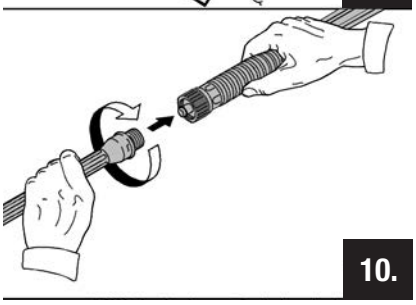
- Pull the slip ring on the female quick-disconnect fitting back on the high pressure hose (See **Fig 9**).
- Insert the male quick-fitting on the spray gun into the female socket on the high pressure hose.
- Release the slip ring on the female disconnect and twist. Listen for a "*click*" to ensure both of the quick fittings have been coupled correctly
- Pull the high pressure hose and spray gun in opposite directions to ensure that they do not separate under pressure.



9.

2. Connecting the Spray Lance to the Spray Gun:

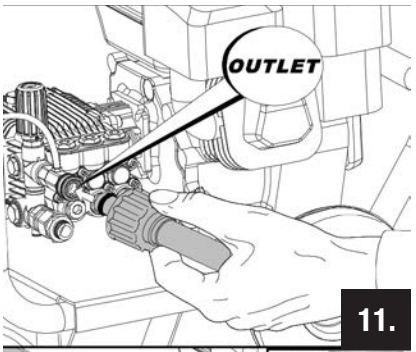
- Thread the spray lance on to the spray gun until secure (See **Fig 10**)


10.

3. Connect the Hose and Water Supply to the Pump

Attach the other end of the high pressure hose to the high pressure outlet on the pump. Pull down on the collar of the quick release fitting and slide onto the pump and let go of the collar.

Pull on the hose to ensure of a tight connection. (See **Fig 11**.)



11.

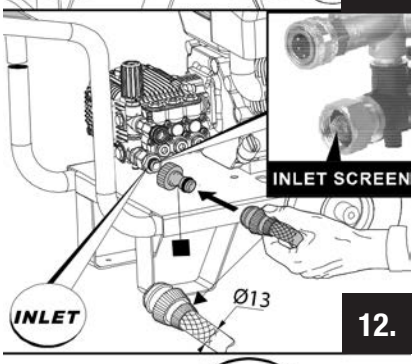
Before connecting the hose to the water supply ensure that the filter screen is clean and remove any dirt or debris found.

Replace the filter if it is damaged. (See **Fig 12**). Connect to the supply.

Run water through the hose for 30 seconds to remove any dirt before connecting.

Important: *Do not syphon any standing water to use for the water supply. Use only cold running water from mains supply (no more than 100°F)*

Connect the hose (it should not exceed 50ft in length) to the water inlet on the pressure washer. Tighten by hand until secure.

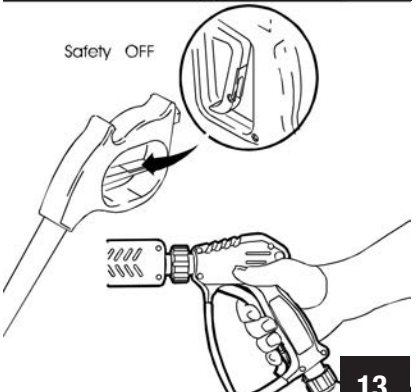


12.

Turn on the water. Squeeze the trigger to purge the pump system of air an impurities. (See **Fig 13**).

⚠ ***Warning:*** *Do not attempt to crank or start the engine before it has been properly serviced with the recommended oil. This can lead to engine failure and void your warranty.*

Note: *There must be at least 10ft (3m) of unrestricted hose between the washer inlet and any fittings such as a vacuum breaker or check valve.*



13.

SAFE WORKING ENVIRONMENT

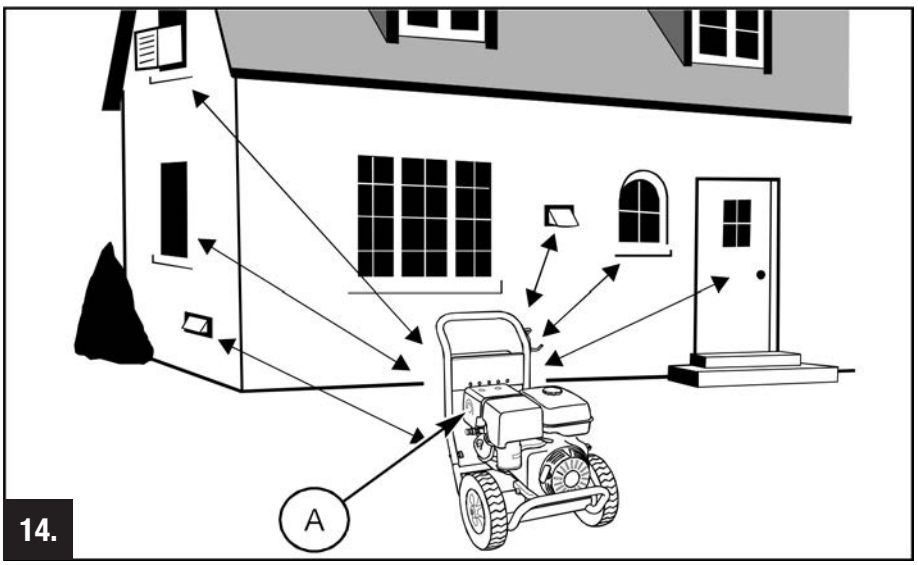
Set up the pressure washer in a well-ventilated area to prevent build up of carbon monoxide and other toxic fumes.

Do not use the pressure washer in an environment where exhaust gas can accumulate and enter or be drawn into an occupied building or a confined area (for example via windows or other ventilation.)

Care should be taken to observe prevailing winds and air currents that could divert the fumes into occupied buildings or confined areas. (See **Fig 14**).

Warning: *Exhaust heat/gases can ignite combustibles. structures or damage the fuel tank causing a fire hazard. Ensure that you keep at least 5ft (1.5m) of clearance on all sides of the pressure washer including overhead.)*

Warning: Running the petrol engine gives off carbon monoxide which is an odourless, poisonous gas. Breathing carbon monoxide can cause nausea, fainting or death. Seek medical advice immediately in the event of breathing any toxic fumes.



14.

STARTUP PROCEDURE

To start your pressure washer for the first time, follow these instructions step-by-step. This starting information also applies if you have not used the washer on a regular basis.

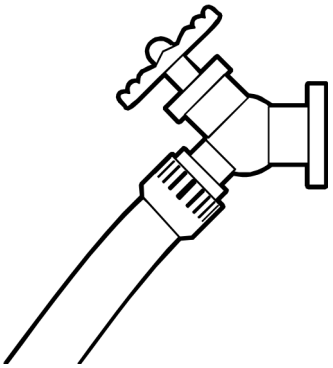
1. Place the pressure washer near an outside water source capable of supplying water at a flow rate of at least 5 gallons per minute and no less than 20psi at the pressure washer end of the garden hose.

2. Check that the high pressure hose is securely connected to the spray gun and pump

3. Make sure the unit is sitting in a level position.

4. Uncoil the high pressure hose completely before using the pressure washer.

5. Connect the garden hose to the water inlet on the pressure washer pump.



Warning: *Do not run the pump without the water supply connected and turned on.*

Please Note: *Any damage resulting from failure to follow this instruction will void the warranty on this equipment.*

6. Turn on the water, point the gun in a safe direction and squeeze the trigger to purge the pump system of air and impurities (See **Fig 15**.).

7. Attach the lance to the spray gun and tighten by hand until secure.

8. Choose the nozzle you require for the job at hand, pull back the collar on the quick fitting, insert the nozzle and release the collar to connect. Tug on the nozzle to make sure it is securely connected.

9. Turn the fuel shut off valve to the **"On"** position. (See **Fig 16**.)

10. Move the throttle control lever to the **"High"** position (indicated by the rabbit icon on the engine). (See **Fig 17**.)

11. Move the choke lever to the **"Choke"** position (See **Fig 17**.)

Note: For warm engines ensure that the choke is in the **"Run"** position.

Warning: *Before starting the pressure washer be sure you are wearing the appropriate Personal Protection Equipment (PPE) for the job at hand. Safety goggles should always be worn when using this pressure washer.*

12. When starting the engine, position yourself as shown in **Fig 18.** Grip the starter handle and pull slowly until you feel some resistance. Then pull rapidly to start the engine.

13. Return the starter grip handle slowly. Do not allow the starter cord to "snap back" against the starter.

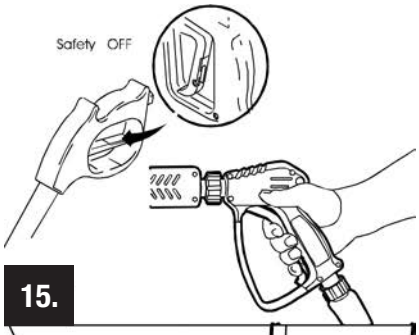
14. When the engine starts, slowly move the choke lever to the **"Run"** position as the engine warms up. If the engine falters during this step, move it back to the **"Choke"** position, then back to the **"Run"** position.

15. If the engine fails to start, point the spray gun in a safe direction and squeeze the trigger to release any pressure.

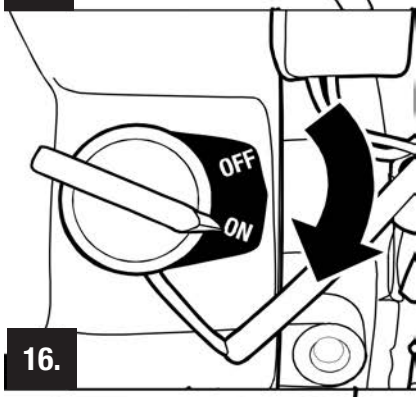
16. If the engine fails to start after 6 attempts, move the choke lever to the **"Run"** position and repeat steps **13-15**.

Important: *Allow the engine to run at no load, low pressure for at least 5 minutes after each startup.*

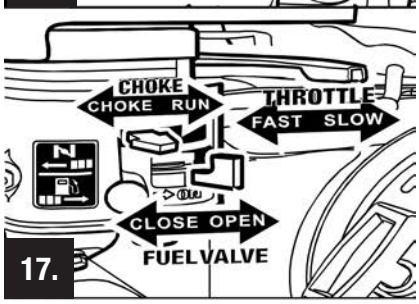
Warning: *The spray gun retains high water pressure even when the engine is stopped and disconnected. Aways discharge this by squeezing the trigger on the spray gun, pointing in a safe direction.*



15.



16.



17.


18.

STOPPING THE PRESSURE WASHER

1. Release the spray gun trigger and let the engine idle for two minutes.

2. Move the throttle control lever to the "Stop" position.

3. Always point the spray gun in a safe direction press the red button and squeeze the spray gun trigger to release the retained high water pressure.

4. When the engine starts, slowly move the choke lever to the **"Run"** position as the engine warms up. If the engine falters during this step, move it back to the **"Choke"** position, then back to the **"Run"** position.

This equipment comes complete with five different colour-coded spray nozzles. Each nozzle delivers a specific spraying pattern for a particular cleaning
application (see **Fig 19**).

The size of the nozzle determines the size of the spray jet and the pressure delivered from the nozzle.

SPRAY NOZZLES

Nozzle Size Guide:

0º Nozzle - Red: This nozzle delivers a pinpoint stream of pressurised water and is extremely powerful. It only covers a small cleaning area. This nozzle should only be directed at surfaces that can withstand high pressure such as metal or concrete. Do not use this nozzle to clean wood.

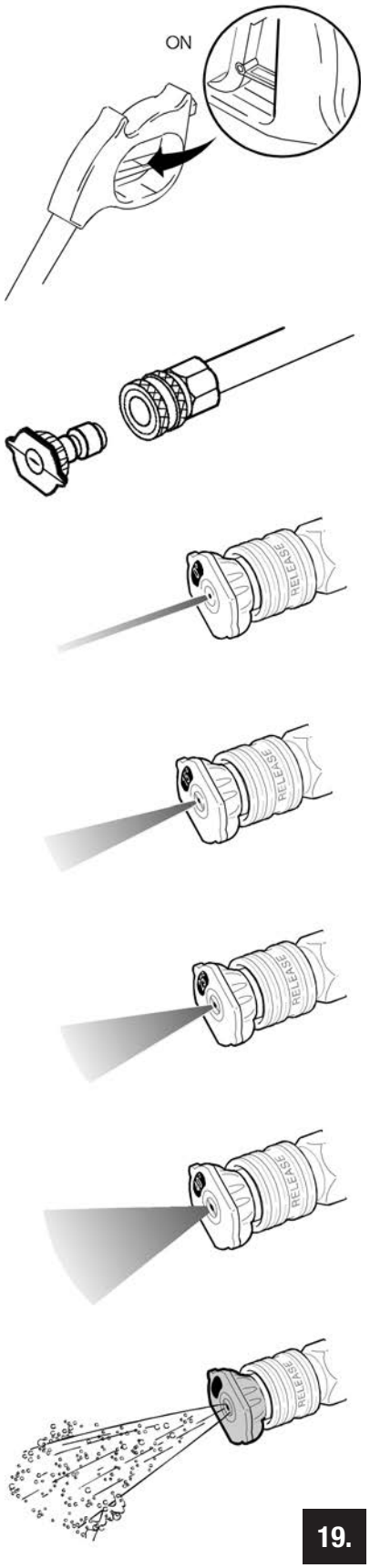
15º Nozzle - Yellow: This nozzle delivers a powerful 15 degree spray pattern for intense cleaning of small areas. This nozzle should only be used on areas and materials capable of withstanding high pressure.

25º Nozzle - Green: This nozzle delivers a 25 degree spray for a medium intensity cleaning over larger areas.

40º Nozzle - White: This nozzle delivers a 40 degree spray for low pressure cleaning over large areas. This is the ideal nozzle for general cleaning purposes.

Chemical Nozzle - Black: This nozzle is used to apply special chemicals and cleaning solutions. This nozzle produces the weakest pressure stream of the 5 nozzles.

The pressure washer nozzles are stored in receptacles on the nozzle panel with colour coded guides to indicate which nozzle goes where.



19.

Attaching Pressure Nozzles to the Spray Gun

1. Pull the slip ring on the female quick-fitting on the lance backwards.

2. Insert the male quick fitting on the pressure nozzle into the female fitting on the spray lance.

3. Release the slip ring on the female quick fitting and twist. Listen for the "click" to ensure that the fittings are coupled securely.

4. Pull the high pressure nozzle and spray lance in opposite directions to ensure that they do not separate under pressure.

Note: *In order to prevent damage to your cleaning surface and to select an appropriate nozzle size for your application always start with the lowest pressure nozzle size (white) and continue changing to a higher nozzle size until the correct nozzle and pressure is identified for your task.*

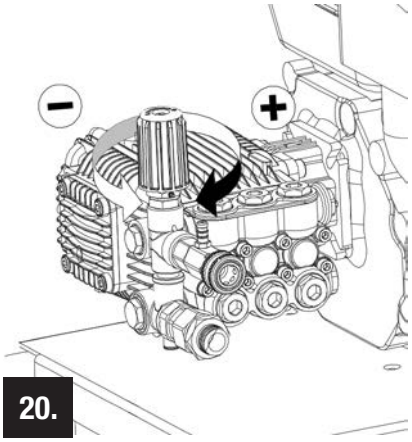
⚠ ***Warning:*** *This equipment operates at fluid pressures and velocities high enough to penetrate human flesh. Leaks caused by loose fittings or worn or damaged hoses can result in injection injuries. Do not direct the spray jet towards people or animals as the jet is very powerful and serious injury can occur. Wear the appropriate safety equipment when operating this equipment.*

Do not attempt to change the nozzles when the equipment is running. Always shut down the engine completely before changing the nozzles.

ADJUSTING SPRAY PRESSURE

As well as adjusting the spray pressure using the various nozzles shipped with this equipment you can control the pressure on the washer itself by turning the pressure control knob.

Turn the knob clockwise to increase the pressure and counterclockwise to decrease it (See **Fig 20**).



20.

USING CHEMICALS & DETERGENTS

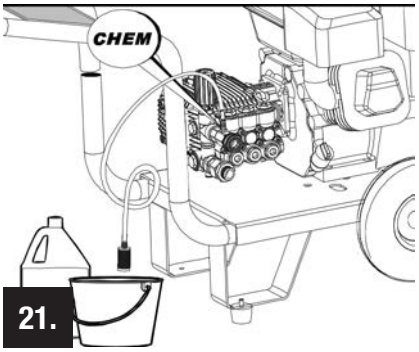
Note: *Only use chemicals & detergents that are suitable for use with this product and that have been approved by Jefferson Tools. Some domestic detergents, acids, alkalines, bleaches, solvents, flammable materials or industrial grade cleaning solutions can cause damage to the pump. Please check with your nearest Jefferson dealer for advice if you are unsure before using chemicals and detergents with this equipment. Some detergents may require mixing before use. Prepare the cleaning solution as instructed by the manufacturers instructions before use.*

Set Up Procedure:

1. Attach the chemical hose onto the barbed fitting situated near the back of the high pressure hose connection. (See **Fig 21**).

2. Press the other end of the chemical hose (with the filter attached) into the container holding the chemicals or detergents you are using.

3. Attach the chemical nozzle onto the lance as shown previously (See **Fig 22**).



21.

USING CHEMICALS & DETERGENTS

Chemical Cleaning:

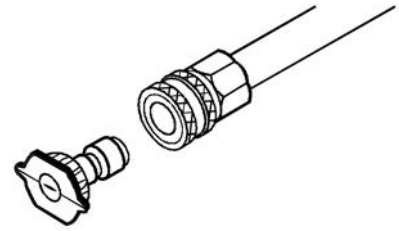
Spray the chemicals onto a dry surface using the procedures outlined in previous sections. Start at the lower portion of the cleaning area and working upwards, using long, even, overlapping strokes. (See **Fig 23**.).

Always ensure that the filter is fully submerged in the cleaning solution at all times.

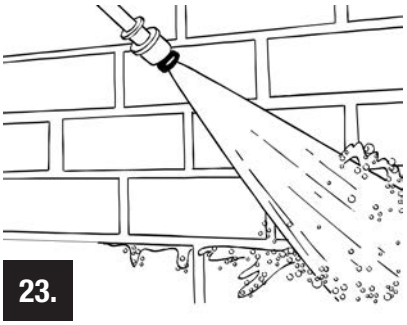
Allow the detergent to soak in for 3-5 minutes before washing and rinsing.

Re-apply as needed to prevent the surface from drying. Do not allow the detergent to dry on to the cleaning surface to prevent streaking.

Note: Detergent cannot be applied with the high pressure spray tips (white, green, yellow or red)



22.



23.

After Chemical Cleaning:

Important: *You will need to flush the detergent siphoning system after each use by placing the filter into a bucket of clean water then run the pressure washer in low pressure for 1-2 minutes.*

After using chemicals, soaps and detergents it is necessary to thoroughly clean the pressure washer.

Place the chemical hose in a container of clean water.

Turn on the pressure washer and hold the trigger on the spray gun top draw clean water through the system to clean it thoroughly.

MAINTENANCE

To ensure efficient operation and longer life of your pressure washer a routine maintenance schedule should be prepared and followed. If the equipment is used in unusual conditions such as high-temperature or dusty conditions more frequent maintenance checks will be required.

⚠ ***Warning:*** *Before performing any maintenance be aware that the equipment should be completely shutdown, depressurised and allowed to cool down. This will ensure that no injuries can be sustained by moving parts, water pressure or hot surfaces.*

The fuel tank contains flammable fuel do not smoke near or work near naked flames while maintaining this equipment.

Please note: All repairs should be carried out by Jefferson approved engineers. All replacement parts should be supplied or recommended by Jefferson. Any unapproved repairs or modifications will invalidate the warranty.

Engine:

Check the engine regularly, replace oil, clean spark plugs and maintain parts as required.

Pump Oil:

Change the pump oil regularly. Change the pump oil after the first 50 hours of work and successively every 100 hours. In either case ensure that the oil is changed at least once a year.

Check with your nearest Jefferson dealer for advice on the best Pump Oil to use with this equipment if you are unsure.

The water filter should be checked regularly and cleaned if necessary:

1. Remove the filter by grasping the end and removing it from the water inlet on the pump.
2. Clean the filter by flushing it with water on both sides.
3. Re-insert the filter in the water inlet on the pump.

Spray Gun:

If the nozzle becomes clogged with dirt and debris excessive pressure can build up. If the nozzle becomes partially clogged or restricted the pump pressure will fluctuate and can become harmful and dangerous.
Clean the nozzle immediately and follow these instructions:

1. Shut-off the engine and turn off / disconnect the water supply.
2. Pull the trigger on the gun to relieve any water pressure.
3. Disconnect the lance from the gun.
4. Remove the nozzle from the lance - remove any obstructions with the nozzle cleaning tool provided and back flush with clean water.
5. Direct the water supply into the spray wand end to back flush loosened particles for 30 seconds.
6. Reassemble the nozzle onto the lance.
7. Reconnect the lance to the gun and turn on the water supply.
8. Start the washer pump and place the lance into the high pressure setting to test.

Cleaning The Water Filter:

The water filter should be checked regularly and cleaned if necessary:

1. Remove the filter by grasping the end and removing it from the water inlet on the pump.
2. Clean the filter by flushing it with water on both sides.
3. Re-insert the filter in the water inlet on the pump.

Cleaning the Fuel Tank Filter:

The fuel tank filter should be removed and cleaned after every 150 hours of running or every 3 months using an environmentally-friendly water-based de-greasing agent. Refit when clean.

⚠ WARNING

The high pressure stream of water that this equipment produces can cut through skin and its underlying tissues, leading to serious injury and possible amputation.

- NEVER repair high pressure hose. Replace it.
- Replacement hose rating MUST exceed maximum pressure rating of unit

MAINTENANCE

Maintenance Schedule:

		Frequency				
Item	**Task Description**	**Each Use**	**1st Month (20Hrs)**	**Each Season (50Hrs)**	**Every 6 Months (100Hrs)**	**Every Year (300Hrs)**
Engine Oil	Oil Level Check	•				
	Replace		•		•	
Reduction gear oil	Oil Level Check	•				
	Replace		•		•	
Air Cleaner	Check	•				
	Clean			•x	•x*	
	Replace					•**
Deposit Cup	Clean				•	
Spark Plug	Clean, adjust				•	
	Replace					•
Spark Eliminator	Clean				•	
Idling	Check, Adjust					•Δ
Valve Clearance	Check, Adjust					•Δ
Fuel Tank & Filter	Clean					•Δ
Fuel Supply Line	Check	Check with your Jefferson dealer for advice if any problems are detected				

Key:

** = Only for inside ventilating double core Carburetors*

*** = Only for paper core cleaners*

x = Repeat task more often than scheduled if equipment is used in dusty working environments

Δ = Maintenance to be carried out by Jefferson approved technician

STORAGE

After General / Regular Use

1. Drain all water from the high pressure hose, coil it and hang on the cradle on the petrol washer frame. If chemicals where used ensure the pump and chemical hose are thoroughly cleaned out.
2. Drain all the water from the gun and lance by holding the gun in a vertical position with the nozzle end pointing down and squeeze the trigger. Store in the gun/hose holder.

Preparation for Winter and Long-term Storage

Note: *It is recommended that you follow these steps to protect the internal seals of the pump when storing the equipment for more than 30 days and or when, freezing temperatures are expected.*

1. Obtain a funnel, 200ml of anitfreeze and approximately 1M of garden hose with a male hose connector attached to one end.
2. Disconnect the spark plug wire.
3. Connect the hose to water inlet on the pump.
4. Pour the antifreeze into the hose via the funnel.
5. Pull the engine starter cord slowly several times until antifreeze comes out of the high pressure water hose connection on the pump.
6. Remove the short hose from the water inlet on the pump.
7. Reconnect the spark plug wire.

Service After Storage

Before reusing the equipment after storage, you should carry out the following to keep the equipment in good condition.

Storage Time	Service Task
Within one month	No service required
One - two months	Drain out the existing fuel out of the fuel tank and fresh fuel
Two months - one year	Drain out the existing fuel out of the fuel tank and fresh fuel Drain the fuel out of the Carburetor* Empty the deposit cup**
Over a year	Drain out the original fuel of the fuel and refuel Drain the fuel out of the Carburetor* Empty the deposit cup** Start the engine and allow to run for a few minutes

Key:

* = *Unscrew the drain plug and drain out the fuel in the Carburetor*

** = *Turn engine switch to the off position, disconnect the deposit cup and empty contents safely*

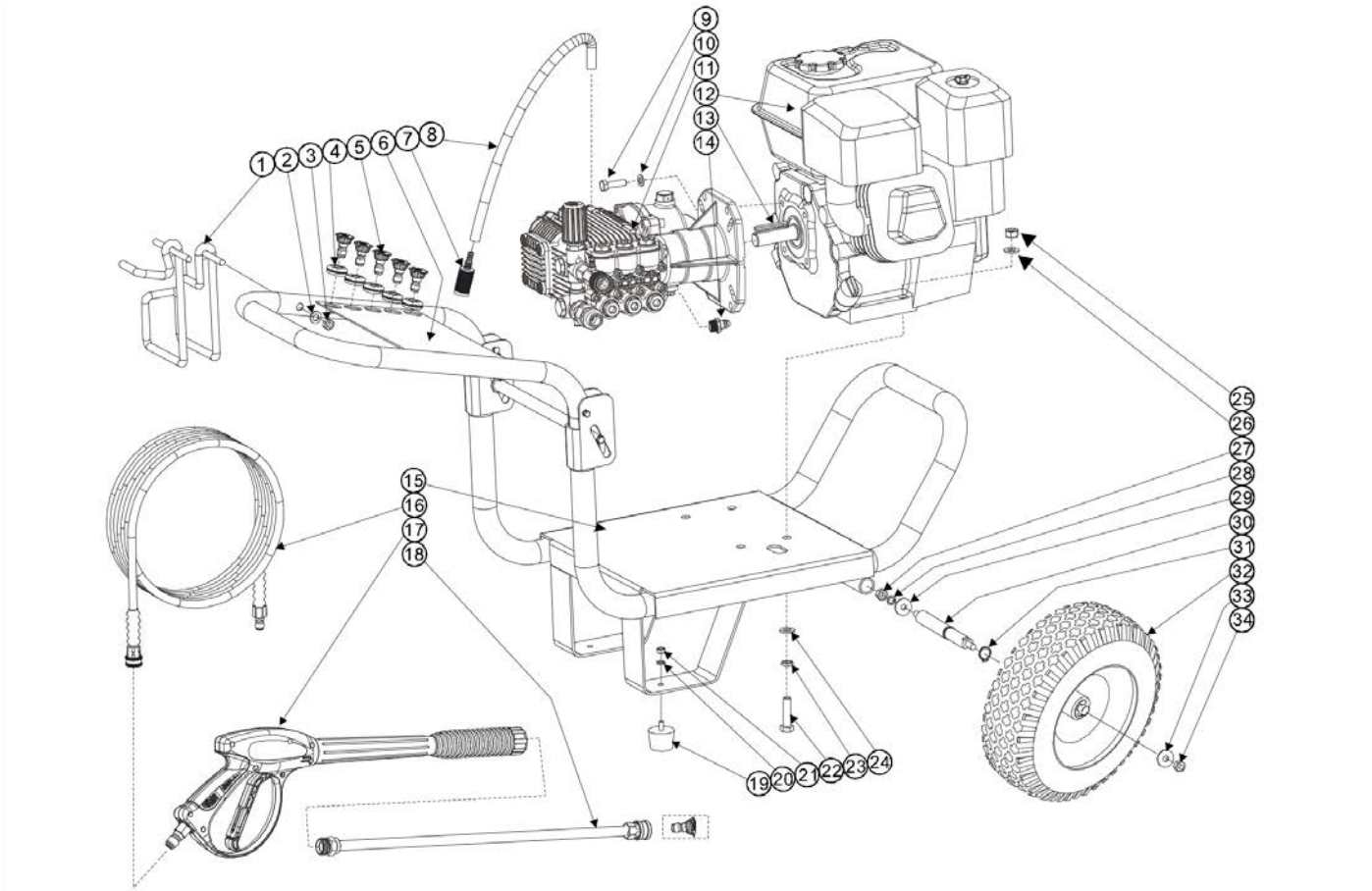
Note: *Do not dump oil vessels or discarded engine oil onto the ground. Take all discarded engine oil in a closed container to your nearest recycling station.*

TROUBLESHOOTING

Problem	Probable Cause	Solution
Engine shuts down when running.	1.Out of fuel. 2.Low Engine Oil	1.Fill fuel tank. 2. Add oil.
Engine will not start; or starts and runs rough.	1.Rocker switch set to "OFF" position. 2.Fuel valve is in "OFF" position. 3.Dirty air cleaner 4.Out of fuel. 5.Stale fuel. 6.Spark plug wire not connected to spark plug. 7.Bad spark plug. 8.Water in fuel. 9.Flooded. 10.Excessively rich fuel/air mixture. 11.Intake valve stuck open or closed. 12.Engine has lost compression. 13.Low engine oil. 14.Wrong Fuel. 15.Engine is too hot 16.Chock is in wrong position 17.Pressure Builds up after 2 pulls on recoil starter or after initial use.	1.Set switch to "ON" position. 2.Turn fuel valve to "ON" position. 3.Clean or replace air cleaner 4.Fill fuel tank. 5.Drain fuel tank and carburetor; fill with fresh fuel. 6.Connect wire to spark plug. 7.Replace spark plug. 8.Drain fuel tank and carburetor; fill with fresh fuel. 9.Wait 5 minutes and re-crank engine. 10.Contact authorized service facility. 11.Contact authorized service facility. 12.Contact authorized service facility. 13.Add oil. 14.Use recommended fuel. 15.Allow engine to cool 16.Change chock position 17.Squeeze gun trigger to relieve pressure.
Engine "Hunts" or falters.	1.Carburetor Is running too rich or too lean.	1.Contact authorized service facility.
Engine lacks power.	1.Cylinder pressure is low. 2.Dirty air cleaner	1.Contact authorized service facility. 2.Replace air filter.
No pressure or Low pressure.	1.Spray wand not set to high pressure. 2.Lower water supply. 3.Hose fitting leaks during high pressure. 4.Nozzle obstructed. 5.Water filter screen obstructed. 6.Defective thermal relief valve. 7.Air in hose. 8.Choke lever in choke position. 9.Throttle control lever is hot in fast position. 10.High pressure too long.	1.See "Using Spray Wand" section. 2.Water supply must be 5 GPM @ 20 psi. 3.Tighten hose fitting. Use thread sealant tape if necessary. 5.Remove and clean filter. 6.Call Customer Service: 7.Stop engine and water source. Disconnect water source from pump inlet and turn water source to ON to remove all air from hose. When steady stream of water is present, turn water source to OFF. Re-connect water source to pump inlet and turn on water source. Squeeze trigger to remove remaining air. 8.Move choke to NO CHOKE position. 9.Move throttle control lever from fast position. 10.Use High pressure hose under 100 ft (305 M).

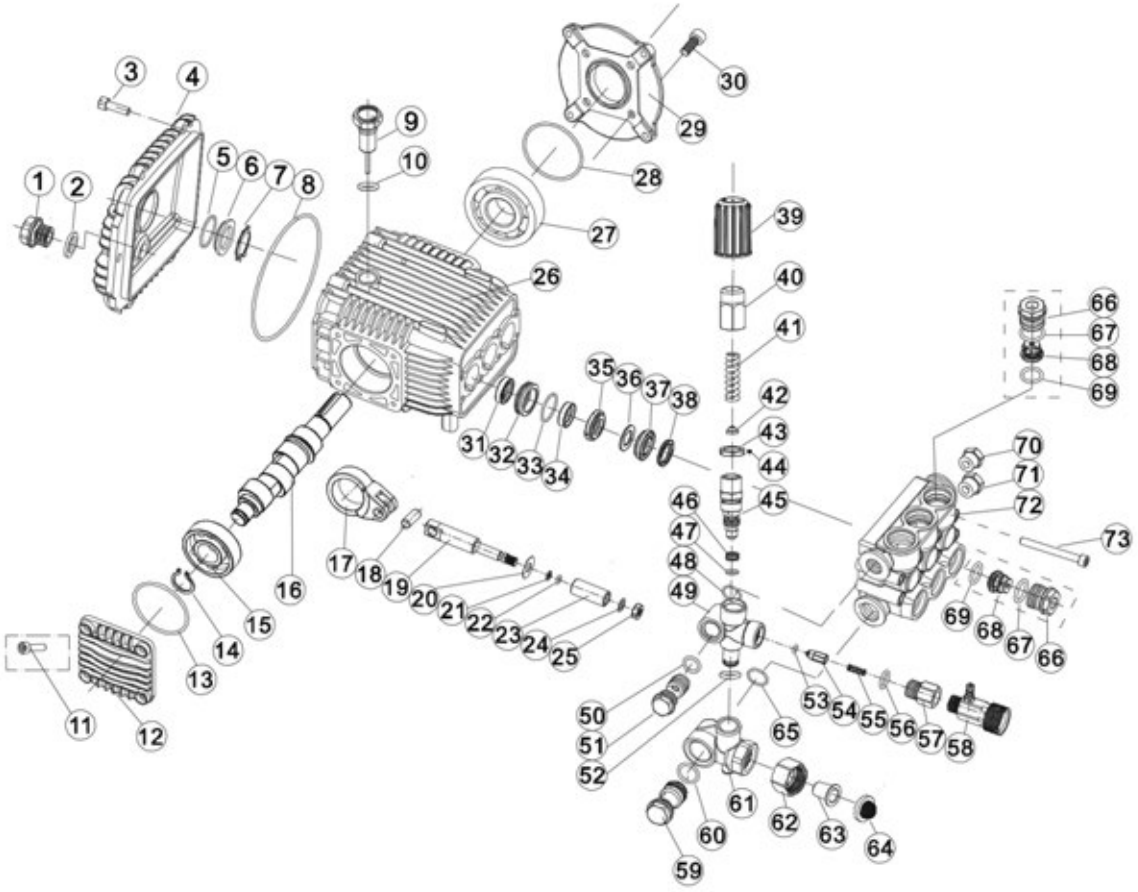
Problem	Probable Cause	Solution
Pump will not draw Chemicals	1.Spray wand not set to low pressure.. 2.Chemical filter clogged. 3.Chemical screen not in chemical. 4.Chemical solution too thick. 5.Pressure hose too long 6.Chemical build-up in chemical injector.	1.See "Using Spray Wand" section. 2.Clean Filter. 3.Ensure end of chemical hose is fully submerged into chemicals. 4.Dilute chemical. Chemical solutions should have same consistency as water. 5.Lengthen water supply hose instead of pressure hose. 6.Have parts replaced by authorized dealer.
No or low pressure (after period of normal use).	1.Worn seal or packing. 2.Worn or obstructed valves. 3.Worn unloader piston. 4.Worn E-Z start valve.	Have parts replaced by authorized dealer.
Water leaking at spray gun/spray wand connection.	1.Worn or broken O-ring. 2.Loose hose connection.	1. Check and replace O-ring. 2. Tighten hose connection.
Water leakingat pump.	1.Loose connections. 2.Piston packings worn. 3.Worn or broken O-rings. 4.Pump head or tubes damaged from freezing.	1.Check and replace O-ring 2.Tighten hose connection. 1.Tighten connections. 2.Have parts replaced by authorized dealer. 3.Have parts replaced by authorized dealer. 4.Have parts replaced by authorized dealer.
Oil leaking at pump	1.Oil seals worn. 2.Loose drain plug. 3.Worn drain plug O-ring. 4.Worn fill plug O-ring. 5.Pump overfilled. 6.Incorrect oil used. 7.Vent plug clogged.	1. Have parts replaced by authorized dealer. 2.Tighten drain plug. 3.Inspect and replace O-ring. 4.Inspect and replace O-ring. 5.Check for correct amount. 6.Drain and refill with correct type and amount of oil. 7.Cleanvent plug. Use air hose to free it of blockage. If problem persists, replace vent plug.
Pump pulsates	Nozzle obstructed.	See "Using Spray Wand" section.
Oil leakage between the gear reducer cover and case	O-ring worn.	Have parts replaced by authorized dealer.
Oil leakage between the gear reducer cover and the pump	O-ring worn.	Have parts replaced by authorized dealer.
Oil leakage between the gear reducer case and the engine	Oil seals worn.	Have parts replaced by authorized dealer.

PRESSURE WASHER MAIN ASSEMBLY - PARTS LIST & DIAGRAM



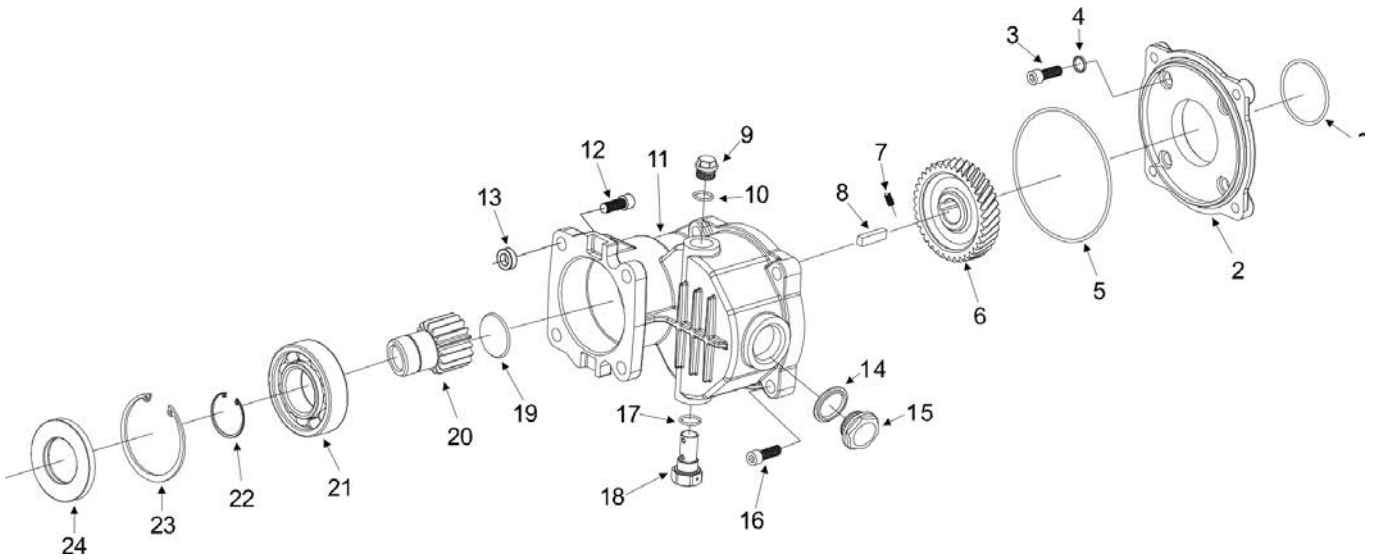
#	Description	Qty	#	Description	Qty
1	Gun Holder and Hose Hook	1	**18**	Wand	1
2	Plain Washer	1	**19**	Rubber Foot	2
3	Fix Nut	1	**20**	Plain Washer	2
4	Grommet	5	**21**	Fix Nut	2
5	Nozzle Set	5	**22**	Engine Fixing Bolt	4
6	Decal	1	**23**	Spring Washer	4
7	Filter	1	**24**	Plain Washer	4
8	Chemical Inlet Hose	1m	**25**	Fix Nut	4
9	Pump Fixing Bolt	4	**26**	Spring Washer	4
10	Spring Washer	4	**27**	Axle Fix Nut	2
11	Pump Gear Reduction Assembly	1	**28**	Spring Washer	2
12	Engine	1	**29**	Plain Washer	2
13	Key	1	**30**	Axle	2
14	Thermal Protection Valve	1	**31**	Clip	2
15	Frame	1	**32**	Wheel	2
16	High Pressure Hose	10m	**33**	Plain Washer	2
17	Spray Gun	1	**34**	Wheel Fix Nut	2

PUMP - PARTS LIST & DIAGRAM



#	Description	#	Description	#	Description	#	Description
1	Drain Plug	**20**	Checking Ring	**39**	Plastic Cap	**58**	QD with Detergent Injection
2	Gasket	**21**	Backup Ring	**40**	Knob	**59**	Inlet Banjo Bolt
3	Screw	**22**	O-Ring	**41**	Spring	**60**	O-Ring
4	Crankcase Cover	**23**	Ceramic Pipe	**42**	Spring Seat	**61**	By-pass Housing
5	O-Ring	**24**	Plain Washer	**43**	Jam Nut	**62**	Swivel Nut
6	Side Glass	**25**	Fixing Nut	**44**	Fix Screw	**63**	Inlet Connector
7	Fix Clip	**26**	Crankcase	**45**	Unloader Valve	**64**	Inlet Water Filter
8	O-Ring	**27**	Ball Bearing	**46**	Valve Seat	**65**	O-Ring
9	Vented Oil Plug	**28**	O-Ring	**47**	O-Ring	**66**	Valve Plug
10	O-Ring	**29**	Gearbox Mounting Cover	**48**	O-Ring	**67**	O-Ring
11	Bolt	**30**	Bolt	**49**	Valve Housing	**68**	Check Valve Assembly
12	Crankshaft Cover	**31**	Oil Seal	**50**	O-Ring	**69**	O-Ring
13	O-Ring	**32**	Retainer Ring	**51**	Outlet Banjo Bolt	**70**	Outlet Plug
14	Snap Ring	**33**	O-Ring	**52**	O-Ring	**71**	Inlet Plug
15	Ball Bearing	**34**	Low Pressure Seal	**53**	O-Ring	**72**	Manifold Head
16	Crankshaft	**35**	Seal Compaction Ring	**54**	Check Valve	**73**	Bolt
17	Connecting Rod	**36**	Seal Compaction Flake	**55**	Spring		
18	Fixing Pin	**37**	High Pressure Seal	**56**	O-Ring		
19	Plunger Guide	**38**	Supporting Ring	**57**	Outlet Connector		

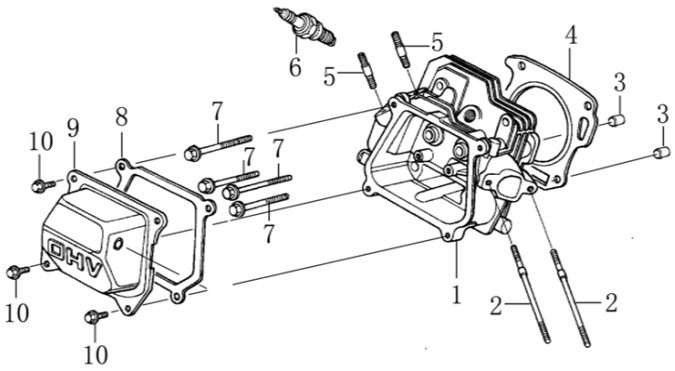
GEAR BOX - PARTS LIST & DIAGRAM



#	Description	#	Description
1	O-Ring	**14**	Gasket
2	Mounting Cover	**15**	Sight Gauge
3	Bolt	**16**	Bolt
4	Washer	**17**	O-Ring
5	O-Ring	**18**	Venting Plug
6	Pump Gear	**19**	Blocking Flake
7	Set Screw	**20**	Engine Gear
8	Key	**21**	Bearing
9	Oil Drain Plug	**22**	Snap Ring
10	O-Ring	**23**	Snap Ring
11	Case	**24**	Oil Seal
12	Bolt		
13	Washer		

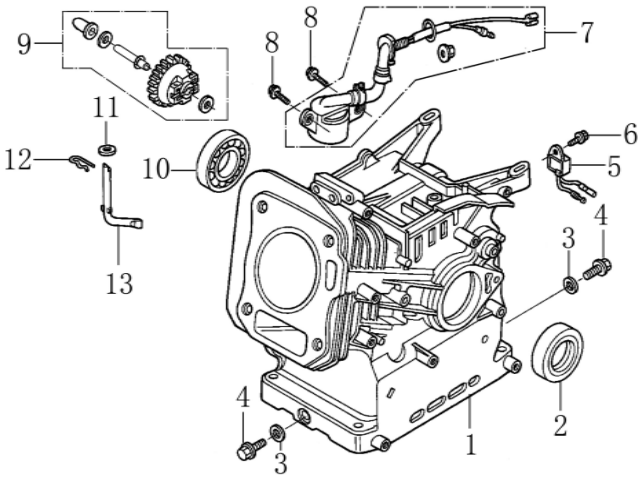
ENGINE - CYLINDER HEAD - PARTS LIST & DIAGRAM

#	Description	Qty
1	Cylinder Head	1
2	Stud	2
3	Location Pin	2
4	Gasket For Cylinder Head	1
5	Stud	2
6	Spark Plug	1
7	Hexagon Bolt With Flange	4
8	Gasket For Cylinder Head Cover	1
9	Cylinder Head Cover Assy	1
10	Hexagon Bolt With Flange	4



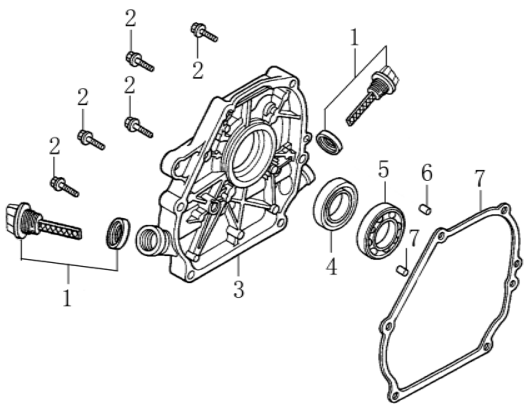
ENGINE - CRANK CASE - PARTS LIST & DIAGRAM

#	Description	Qty
1	Crankcase Body	1
2	Oil Seal	1
3	Flat Washer	2
4	Sealing Plug Screw	2
5	Start Unit ,Oil	1
6	Bolt , Flange	1
7	Oil Level Switch	1
8	Bolt , Flange	2
9	Components Of Governor Gear	1
10	Bearing	1
11	Flat Washer	1
12	Pin Clip	1
13	Speed Regulating Arm	1



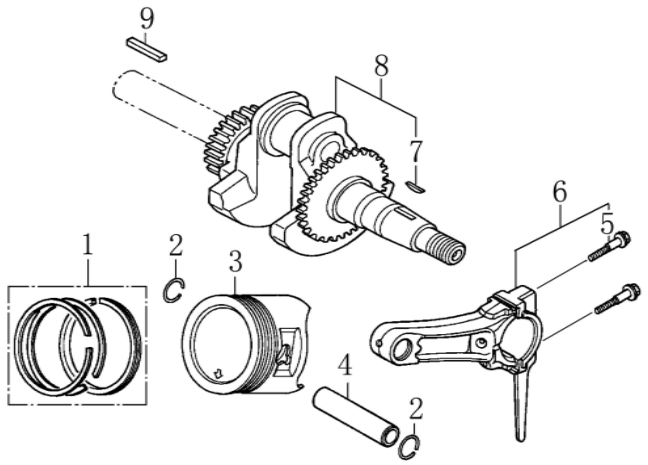
ENGINE - CRANK CASE COVER - PARTS LIST & DIAGRAM

#	Description	Qty
1	Oil Rule Combination	2
2	Hexagon Bolt With Flange	6
3	Crankcase Cover	1
4	Oil Seal	1
5	Bearing	1
6	Location Pin	2
7	Crankcase Cover Gasket	1



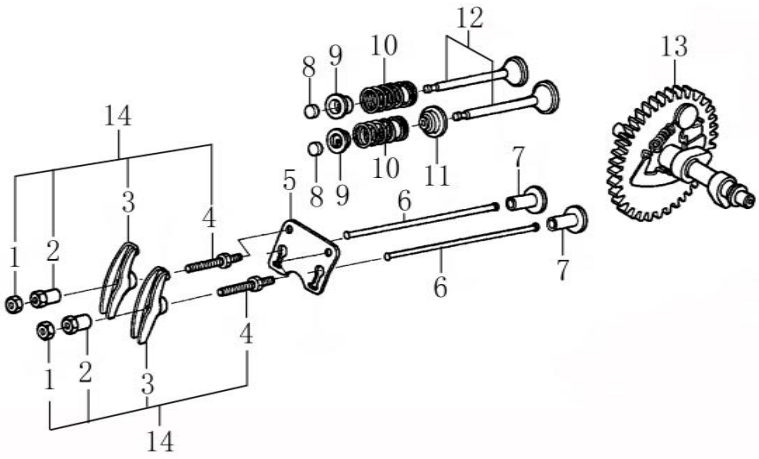
ENGINE - CRANKSHAFT / PISTON - PARTS LIST & DIAGRAM

#	Description	Qty
1	Piston Ring Combination	1
2	Steel Cable Baffle Ring	2
3	Piston	1
4	Piston Pin	1
5	Connecting Rod Bolt	2
6	Connecting Rod	1
7	Key	1
8	Crankshaft	1
9	Key	1



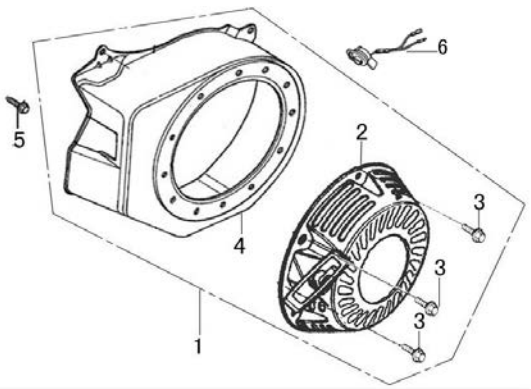
ENGINE - GAS DISTRIBUTION ADJUSTMENT - PARTS LIST & DIAGRAM

#	Description	Qty
1	Valve Lock Nut	2
2	Adjustable Nut Of Valve	2
3	Valve Rocker	2
4	Adjustable Bolt Of Valve	2
5	Plate, Push Rod Guide	1
6	Push Rod	2
7	Lifter, Valve	2
8	Valve Adjustment Cap	2
9	Retainer, Valve Spring	2
10	Inner Spring Of Valve	2
11	Valve Oil Seal	1
12	Valve Kit	1
13	Camshaft Assy	1
14	Valve Rocker Combination	2



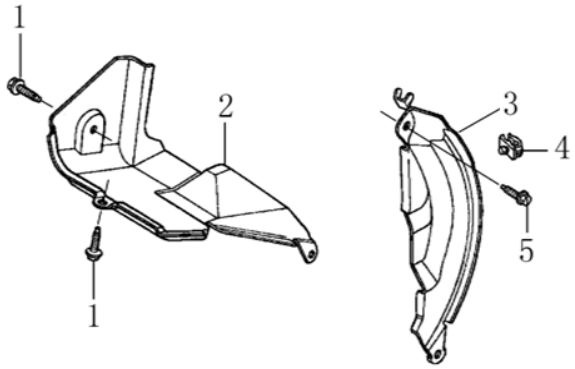
ENGINE - CRANK CASE COVER - PARTS LIST & DIAGRAM

#	Description	Qty
1	Manual Starting Assembly	1
2	Manual Starting Components	1
3	Hexagon Bolt With Flange	3
4	Fan Cover Comp.	1
5	Hexagon Bolt With Flange	4
6	Stop Switch	1



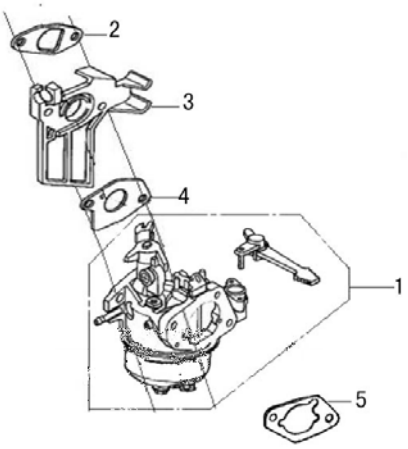
ENGINE - DIVERSION ASSEMBLY - PARTS LIST & DIAGRAM

#	Description	Qty
1	Hexagon Bolt With Flange	2
2	Air Deflector	1
3	Side Plate	1
4	Leaf Valve Limit Plate	1
5	Hexagon Bolt With Flange	1



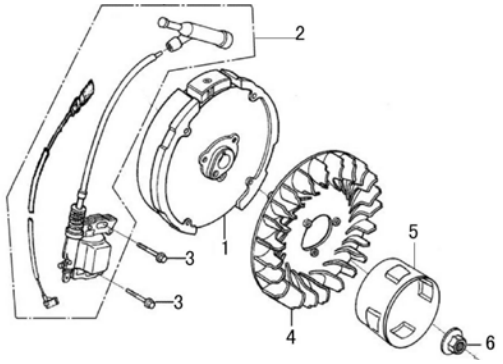
ENGINE - CARBURETOR - PARTS LIST & DIAGRAM

#	Description	Qty
1	Carburetor	1
2	Carburetor Gasket	1
3	Heat Insulating Pad For Carburetor	1
4	Carburetor Gasket	1
5	Carburetor Gasket	1



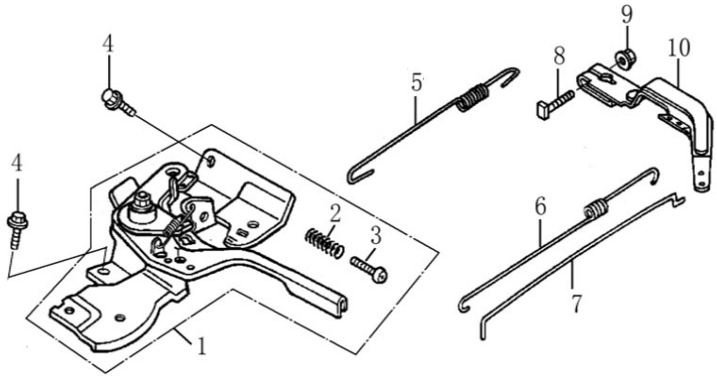
ENGINE - FLYWHEEL/COIL ASSEMBLY - PARTS LIST & DIAGRAM

#	Description	Qty
1	Flywheel Comp	1
2	Coil Assy. Ignition	1
3	Hexagon Bolt With Flange	2
4	Impeller	1
5	Starting Disc	1
6	Hexagon Nut With Flange	1



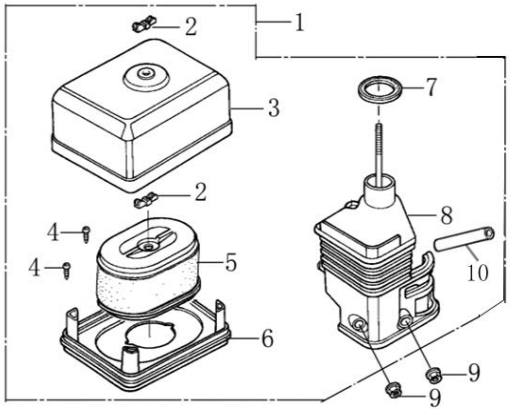
ENGINE - CRANK CASE COVER - PARTS LIST & DIAGRAM

#	Description	Qty
1	Throttle Handle Combination	1
2	Speed Regulating Limit Spring	1
3	Cross Recessed Pan Head Screw	1
4	Hexagon Bolt With Flange	2
5	Governing Spring	1
6	Throttle Return Spring	1
7	Throttle Rod	1
8	Square Head Set Screw With Flat Point	1
9	Hexagon Nut With Flange	1
10	Speed Regulating Bracket	1



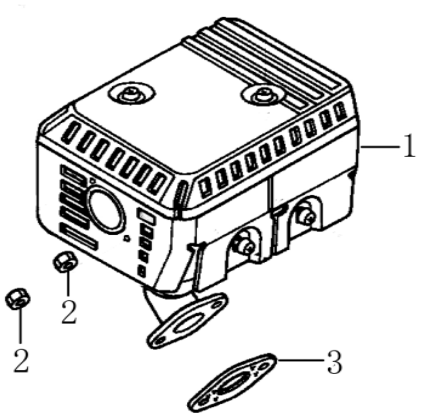
ENGINE - AIR FILTER - PARTS LIST & DIAGRAM

#	Description	Qty
1	Air Filter	1
2	Butterfly Nut	2
3	Air Filter Casing Cover	1
4	Cross Recessed Pan Head Tapping Screw	2
5	Air Filter Element Combination	1
6	Support Plate Body Of Filter Element	1
7	Seal Ring	1
8	Air Filter Seat	1
9	Hexagon Nut With Flange	2
10	Support Plate Body Of Filter Element	1



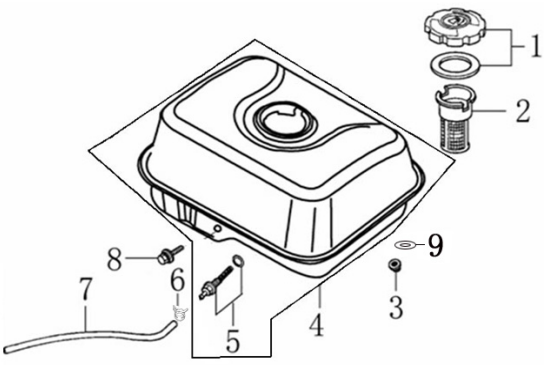
ENGINE - MUFFLER - PARTS LIST & DIAGRAM

#	Description	Qty
1	Muffler	1
2	Hexagon Nut	2
3	Outlet Gasket	1



ENGINE - FUEL TANK - PARTS LIST & DIAGRAM

#	Description	Qty
1	Tank Cover	1
2	Pouring Orifice Filter Screen Combination	1
3	Hexagon Nut With Flange	2
4	Tank	1
5	Tank Oil Out	1
6	Clip Combination	1
7	Oil Tube	1
8	Hexagon Bolt With Flange	1
9	Rubber Flat Gasket	2



PRESSURE WASHING TIPS & TECHNIQUES

CAUTION

- Before cleaning any surface an inconspicuous area should be cleaned to test spray pattern and distance for maximum cleaning results.
- If painted surfaces are peeling or chipping, use extreme caution as pressure washer may remove the loose paint from the surface.
- When using on surfaces which might come in contact with food, flush surfaces with plenty of drinking water.

Automobiles, R'vs, Boats, Motorcycles, ATV's
Pre-rinse vehicle with fresh water. If using detergent, apply to surface at low pressure. For best results, clean one side of vehicle at a time and always apply detergent from bottom to top, do not allow detergent to dry on surface. If needed, use special wash brush attachment (not included) to remove stubborn dirt. Rinse at high pressure in a sweeping motion keeping the spray nozzle approximately 6-8 inches from the cleaning surface (distance should increase when rinsing pin-striping or other sensitive surfaces). Always clean from top to bottom and from left to right. For best results, wipe surface dry with a chamois or soft dry cloth.

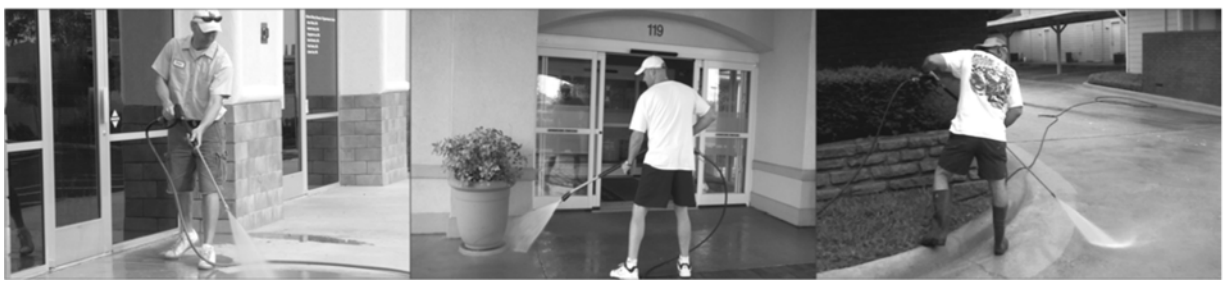
BBQ Grills, Gardening Tools, Mowers/Trimmers
Pre-rinse cleaning surface with fresh water. If using detergent or Degreaser, apply detergent at low pressure. Allow detergent to remain on surface 1-3 minutes. Do not allow detergent to dry on surface. Rinse at high pressure keeping the spray nozzle approximately 3-6 inches from the cleaning surface. For removing extremely stubborn dirt, it may be necessary to move the spray nozzle even closer to the surface for greater dirt cutting action.

Driveway, Sidewalks, Patios, Brick
Pre-rinse cleaning surface with fresh water. If using detergent or Degreaser, apply to surface at low pressure. For best results, limit your work area to smaller sections of approximately 25 square feet. Allow detergent or Degreaser to remain on surface 1-3 minutes. Do not allow detergent to dry on surface. Rinse at high pressure in a sweeping motion keeping the spray nozzle approximately 3-6 inches from the cleaning surface. Always clean from top to bottom and from left to right. For removing extremely stubborn stains, use the Turbo Nozzle.

Decks
Pre-rinse deck and surrounding area with fresh water. If using detergent, apply to surface at low pressure. For best results, limit your work area to smaller sections of approximately 25 square feet. Allow detergent to remain on surface 1-3 minutes. Do not allow detergent to dry on surface. Rinse at high pressure in a long sweeping motion keeping the spray nozzle approximately 3-6 inches from the cleaning surface. Always clean from top to bottom and from left to right. When moving on to a new section of the cleaning surface, be sure to overlap the previous section to eliminate stop marks and ensure a more even cleaning result.

House Siding
(Pre-rinse cleaning surface with fresh water. If using detergent, apply to surface at low pressure (for best results, limit your work area to sections of approximately 6 feet and always apply detergent from bottom to top). Allow detergent to remain on surface 1-3 minutes. Do not allow detergent to dry on surface, if surface appears to be drying, simply wet down surface with fresh water. If needed, use special wash brush attachment (not included) to remove stubborn dirt. Rinse at high pressure from top to bottom in an even sweeping motion keeping the spray nozzle approximately 6 inches from the cleaning surface.

Patio and Lawn Furniture
Pre-rinse furniture and surrounding area with fresh water. If using detergent, apply to surface at low pressure. Allow detergent to remain on surface 1-3 minutes. Do not allow detergent to dry on surface. If needed use special Wash Brush attachment (not included) to remove stubborn dirt. Rinse at high pressure in a sweeping motion keeping the spray nozzle approximately 3-6 inches from the cleaning surface. For best results, clean from top to bottom and from left to right.



LIMITED WARRANTY STATEMENT

Jefferson Professional Tools & Equipment, or hereafter "Jefferson" warrants its customers that its products will be free of defects in workmanship or material. Jefferson shall, upon suitable notification, correct any defects, by repair or replacement, of any parts or components of this product that are determined by Jefferson to be faulty or defective.

This warranty is void if the equipment has been subjected to improper installation, storage, alteration, abnormal operations, improper care, service or repair.

Warranty Period

Jefferson will assume both the parts and labour expense of correcting defects during the stated warranty periods below.

All warranty periods start from the date of purchase from an authorised Jefferson dealer. If proof of purchase is unavailable from the end user, then the date of purchase will be deemed to be 3 months after the initial sale to the distributor.

1 Year
- JEFWASPGRO65HP 6.5HP Gearbox Petrol Washer

90 Days
- All replacement parts purchased **outside** of the warranty period

Important: *All parts used in the repair or replacement of warranty covered equipment will be subject to a minimum of 90 days cover or the remaining duration of the warranty period from the original date of purchase*.

Warranty Registration / Activation

You can register and activate your warranty by visiting the Jefferson Tools website using the following address:
www.jeffersontools.com/warranty and completing the online form. Online warranty registration is recommended as it eliminates the need to provide proof of purchase should a warranty claim be necessary.

Warranty Repair

Should Jefferson confirm the existence of any defect covered by this warranty the defect will be corrected by repair or replacement at an authorized Jefferson dealer or repair centre.

Packaging & Freight Costs

The customer is responsible for the packaging of the equipment and making it ready for collection. Jefferson will arrange collection and transportation of any equipment returned under warranty. Upon inspection of the equipment, if no defect can be found or the equipment is not covered under the terms of the Jefferson warranty, the customer will be liable for any labour and return transportation costs incurred.

These costs will be agreed with the customer before the machine is returned.

* *Jefferson reserve the right to void any warranty for damages identified as being caused through misuse*

Warranty Limitations

Jefferson will not accept responsibility or liability for repairs made by unauthorised technicians or engineers. Jefferson's liability under this warranty will not exceed the cost of correcting the defect of the Jefferson products.

Jefferson will not be liable for incidental or consequential damages (such as loss of business or hire of substitute equipment etc.) caused by the defect or the time involved to correct the defect. This written warranty is the only express warranty provided by Jefferson with respect to its products.

Any warranties of merchantability are limited to the duration of this limited warranty for the equipment involved.

Jefferson is not responsible for cable wear due to flexing and abrasion. The end user is responsible for routine inspection of cables for possible wear and to correct any issues prior to cable failure.

Claiming Warranty Coverage

The end user must contact Jefferson Professional Tools & Equipment (Tel: +44 (0) 1244 646 048) or their nearest authorised Jefferson dealer where final determination of the warranty coverage can be ascertained.

Step 1 - Reporting the Defect

Online Method:

- Visit our website www.jeffersontools.com/warranty and complete the Warranty Returns form. You can complete the form online and submit it to us directly or download the form to print out and return by post.

Telephone Method:

Contact your Jefferson dealer or sales representative with the following information:

- Model number
- Serial number (usually located on the specification plate)
- Date of purchase

A Warranty Returns form will be sent to you for completion and return by post or fax, together with details of your nearest authorised Jefferson repair centre. On receipt of this form Jefferson will arrange to collect the equipment from you at the earliest convenience.

Step 2 - Returning the Equipment

It is the customer's responsibility to ensure that the equipment is appropriately and securely packaged for collection, **together with a copy of the original proof of purchase**. Please note that Jefferson cannot assume any responsibility for any damage incurred to equipment during transit. Any claims against a third party courier will be dealt with under the terms & conditions of their road haulage association directives.

NOTE: Jefferson will be unable to collect or process any warranty requests without a copy of the original proof of purchase.

Step 3 - Assessment and Repair

On receipt, the equipment will be assessed by an authorised Jefferson engineer and it will be determined if the equipment is defective and in need of repair and any repairs needed are covered by the warranty policy. In order to qualify for warranty cover all equipment presented must have been used, serviced and maintained as instructed in the user manual.

Where repair is not covered by the warranty a quotation for repair, labour costs and return delivery will be sent to the customer (normally within 7 working days).

NOTE: If the repair quotation is not accepted Jefferson Professional Tools & Equipment will invoice **1 hour labour time at £30 per hour plus return carriage costs (plus VAT)**.

In cases where no fault can be found with the equipment, or, if incorrect operation of the equipment is identified as the cause of the problem, a minimum of 1 hour labour at **£30 per hour plus carriage costs** will be required before the equipment will be despatched back to the customer.

Any equipment repaired or replaced under warranty will normally be ready for shipment back to the customer within 7 working days upon receipt of the equipment at an authorised Jefferson Repair centre (subject to part availability). Where parts are not immediately available Jefferson will contact you with a revised date for completion of the repair.

General Warranty Enquiries

For any further information relating to Jefferson warranty cover please call **+44 (0) 1244 646 048** or send your enquiry via email to **warranty@jeffersontools.com**

Disclaimer:
The information in this document is to the best of our knowledge true and accurate, but all recommendations or suggestions are made without guarantee. Since the conditions of use are beyond their control, Jefferson Tools® disclaim any liability for loss or damage suffered from the use of this data or suggestions. Furthermore, no liability is accepted if use of any product in accordance with this data or suggestions infringes any patent. Jefferson Tools® reserve the right to change product specifications and warranty statements without further notification. All images are for illustration purposes only.

EC DECLARATION OF CONFORMITY

We, Jefferson Professional Tools & Equipment, as the authorised European Community representative of the manufacturer, declare that the following equipment conforms to the requirements of the following:

Directive / Standard / Regulation	Description:
2000/14/EC (as amended)	Noise Emission in the Environment by Equipment for Use Outdoors
2014/30/EU (as amended)	Electromagnetic Compatibility
2006/42/EC (as amended)	Machinery Directive
(EU) 2016/1628 (as amended)	Non Road Mobile Machinery Directive

Equipment Category: Petrol Powered Washer

Product Name/Model: JEFWASPGR065HP 6.5HP - Gear Box Pressure Washer

Guaranteed Sound Power Level: 96dB

The conformity assessment procedure followed was in accordance with Annex VI of the Outdoor Noise Directive

EU type-approval number: e13*2016/1628*2017/656SRA1/P*0076*00

Signed by: Stephen McIntyre

Position in the company: Operations Director

Date: 23 March 2020

Technical file holder's address as shown below

Name and address of manufacturer or authorised representative:

Jefferson Tools, Herons Way, Chester Business Park,
Chester, United Kingdom, CH4 9QR

Telephone: +44 (0)1244 646 048 **Fax:** +44 (0)1244 241 191

Email: enquiries@jeffersontools.com

IMPORTANT! SAFETY FIRST!

Before attempting to use this product please read all the safety precautions and operating instructions outlined in this manual to reduce the risk of fire, electric shock or personal injury.

Jefferson Tools,
Herons Way,
Chester Business Park,
Chester,
United Kingdom,
CH4 9QR

Tel. +44 (0)1244 646 048
Email: sales@jeffersontools.com

www.jeffersontools.com