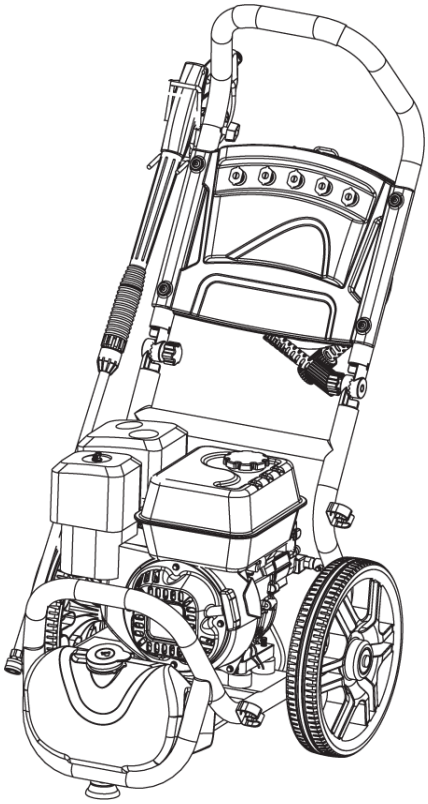
Jefferson®

PROFESSIONAL TOOLS & EQUIPMENT



6.5HP Petrol Pressure Washer

JEFWASPET065HP/A

User Manual

v.1.1

CE

Contents:

Important: *This manual is an essential part of this Jefferson product and should be kept safe with the product for future reference. This manual outlines the purpose for which the product has been designed and contains important information to ensure its correct and safe use. It is essential that you read and understand the information in this manual before operating this equipment.*

1. General Safety

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 (for example neutral shampoo based on biodegradeable anionic surface active detergents). Please consult the manufacturer 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.

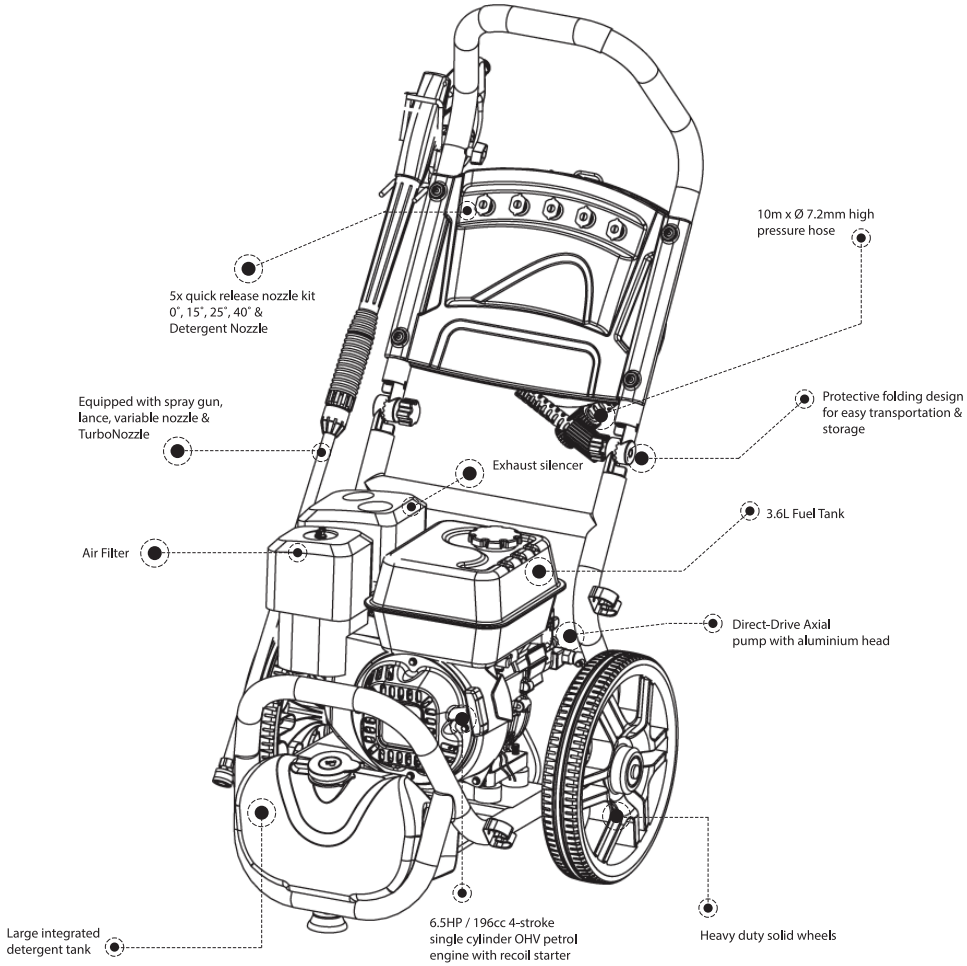
15. Only operate outdoors in well-ventilated areas.

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.

2. Parts Identification



Important: *After unpacking, inspect the equipment carefully and ensure that the product is in perfect condition without any defects or no damaged or worn parts. Please dispose of all the packaging materials appropriately, recycling all materials where facilities are available.*

3. Specifications

Model Number:	JEFWASPET065/A	**Flow Rate:**	8.6L/Min
Engine:	6.5HP 196cc OHV Petrol	**Detergent Tank:**	1.1L
Pump:	Axial Direct Drive - Aluminium Head	**Wheel:**	12" x 2"
Rated RPM:	3400rpm	**Hose:**	8m x Ø1/4"
Fuel Tank:	3.6L	**Guaranteed Noise Level:**	99dB Lwa
Max Pressure:	2700psi	**Dimensions:**	590 x 540 x 595mm
Rated Pressure:	2400psi	**NW / GW**	28kg / 30kg

4. Unpacking & Assembly

Unpacking & inspection:

After opening the carton, unpack the washer and related parts and accessories. Inspect the equipment for any damage that may have occurred during transit, contact your nearest Jefferson Dealer is any damage or defects are discovered. Check that all nuts and bolts are secure before putting the washer into operation.
Warning: *Do not use this equipment is damaged or defective in any way.*

Frame assembly:

1. Carefully tip the washer forward and place on its front side and proceed to assemble the parts with the tools provided.

2. Insert the axle into the corresponding holes on the lower frame.

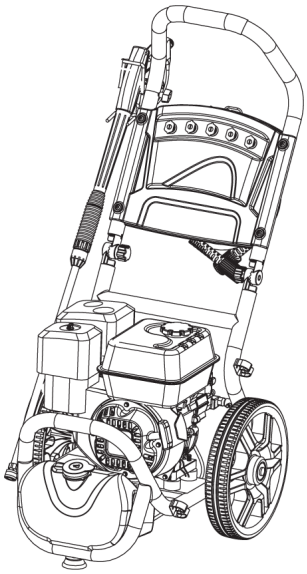
3. Attach the wheels to the shadt using the bushings, washers and cotter pins provided. Insert the cotter pins into the holes in the axle and bend back the cotter pins using a pair of pliers (not provided)

4. Attach the rubber feet to the lower frame using the nuts and bolts provided (tighten all mounting hardware)

5. Reposition the washer so that it stands normally on the wheels and rubber feet.

6. Pull the handle lock pin and raise the handle to the upright position. Release and snap the locking pin into the corresponding hole in the frame.

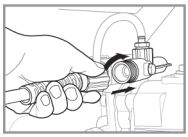
7. Assemble the top and bottom spray gun holders to the frame using the nuts and bolts provided. Again tighten all mounting hardware.



5. Connections

Connecting the pressure hose to the pump

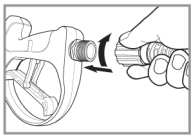
1. Pull back the high pressure outlet fitting collar. Insert the connector into the quick release fitting and release the collar to close the fitting. Carefully tug on the fitting to ensure it is secured.



Connecting the hose to the spray gun

1. Pull back the slip ring on the female quick connect fitting and connect with the male outlet on the spray gun.

2. Release the slip ring on the female quick disconnect and twist. Listen for a "click" to ensure that the coupling is secure.

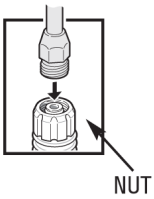


Connecting the Lance to the Spray Gun

1. Remove the protective plastic cap on the lance connection.

2. Thread the lance connection onto the spray gun as shown

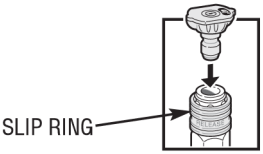
3. Tighten the nut to secure



Connecting the Nozzle / Removing the Nozzle

1. Insert the nozzle into the quick- connect fitting on the lance and press to snap in the nozzle.

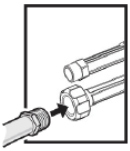
2. To remove pull back the slip ring to eject the nozzle. See page 8 for more information about nozzle selection for various applications.



Connecting the pressure pump to the water supply

1. Connect the garden hose to the water supply and turn the water supply on to run water through the hose and remove any debris prior to connecting to the pressure washer, **then turn off the supply.**

2. Check the filter inside the pressure washer inlet is clean and undamaged. Thread the garden hose fitting into the water hose inlet. Hand tighten to make a secure connection.



3. Turn on the water supply and check that there are no leaks. Ensure that there is a minimum of 20psi and a flow rate of 5GPM.

6. Pressure Washer Nozzles

This equipment comes complete with five different colour-coded spray nozzles. Each nozzle delivers a specific spraying pattern for a particular cleaning application. The size of the nozzle determines the size of the spray jet and the pressure delivered from the nozzle.

The **0˚, 15˚, 25˚, 40˚** nozzles are high pressure nozzles, the **84˚** chemical nozzle is for use in low pressure applications.

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.

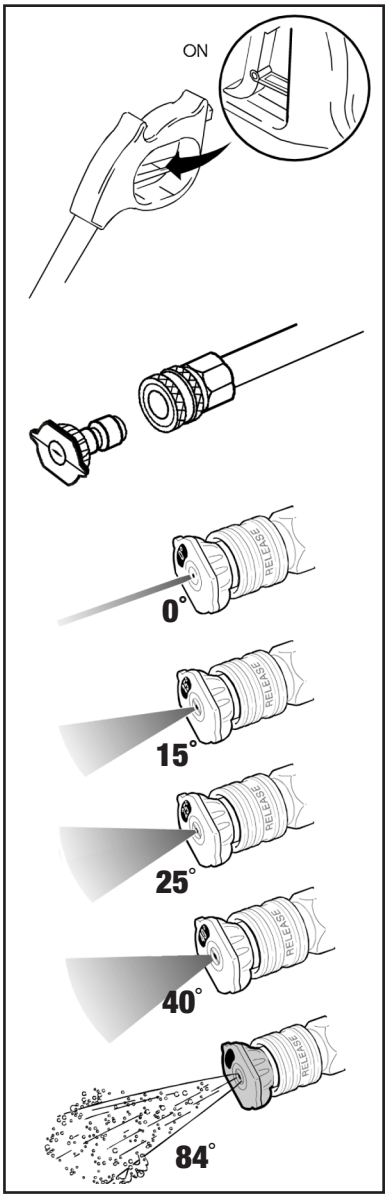
Changing Nozzles:

1. Pull back the collar on the end of the lance and insert the nozzle into the female quick release socket.

2. Release the collar and twist the nozzle to make sure that it is secure in the quick release socket. Ensure that the nozzle is secure before squeezing the gun trigger when the engine is running.

Basic Nozzle Types and Applications:

- **Cutting Nozzle (0˚):**
  High pressure cleaning (stone, metal etc.)
- **Chisel Nozzle (15˚):**
  Mid pressure cleaning (stone, metal, wood etc.)
- **Flushing Nozzle (25˚):**
  Low - Mid pressure cleaning (metal, plastics, wood etc.)
- **Wide Wash Nozzle (40˚):**
  Low pressure, everyday use (wood plastics etc.)
- **Detergent Nozzle (84˚):**
  Delicate materials



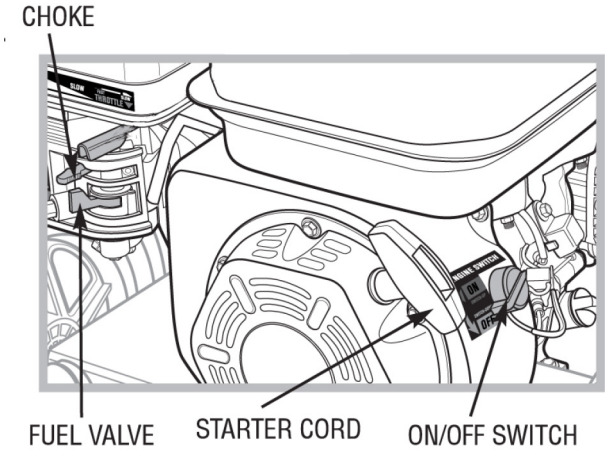
7. Starting the Washer

1. Ensure that the equipment is operating in a well ventilated outdoor area. Check fuel level and top-up if necessary.

2. Check the engine oil level. On first use there will be a small amount of oil left from factory testing but this will always require topping up.

This equipment is shipped with a low-oil sensor that will prevent startup if insufficient oil is available for operation. The low oil sensor will also shut down the engine when level is too low to protect the engine.

3. Check that the filter is clean and in place at the water inlet (cone side facing out).



4. Connect the water supply to the pump inlet. (Note: the water source must provide a minimum of 19L / Min at 20PSI for this equipment to operate.

5. Connect the high pressure water hose to the pump outlet. Turn on the water supply.

6. Make sure that the Throttle lever is set to the **"Fast"** position. Slide the fuel lever to the "On" position and allow the fuel to flow to the engine. Slide the choke lever to the "Start" position. Turn the Engine **ON/OFF** switch to the **ON** position. Pull the starter cord to start the engine. Slide the choke lever to **RUN** position.

7. Stand on a stable surface, gripping the gun with both hands, and press the trigger to begin spraying - expect the gun to kickback when triggered. Adjust the spray nozzle as required for the task.

8. Release the trigger to stop water flow and enter bypass mode pior to spraying.

WARNING

Do not leave the pressure washer in bypass mode for more than 2 minutes at a time. Water temperature inside the pressure washer pump will rise to dangerous level and can result in damage to internal components within the pump. Failure to follow this warning can result in personal injury and damage to the equipment and will void the warranty.

Do not run the pump without a connection to the water supply. Any damage caused by such use will void the warranty.

Always wear the appropriate safety equipment when using this equipment.

The high pressure water jet produced can cut through skin and underlying tissues resulting in serious injury. **Never point the jet at people or animals. Beware of kickback when spray gun trigger is pressed.**

8. Using the Spray Gun

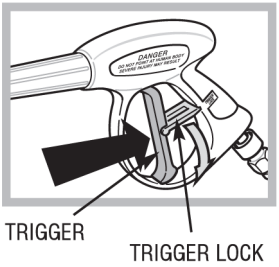
1. To engage the Trigger Lock, pull the lock up until it clicks into the slot.

2. To disengage the Trigger Lock push the lock down and into its original position.

To operate the trigger:

Squeeze the trigger to start the water flow through the nozzle.

Release the trigger to stop the water flow.



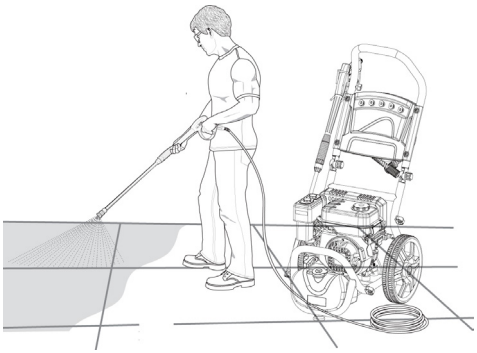
9. Washing / Cleaning

1. Grip the spray gun with both hands.

2. Point the nozzle in a safe direction and squeeze the spray gun trigger to allow the pump to purge air and impurities in the system and then redirect the nozzle to the working surface.

3. When finished release the trigger gun to stop the water flow.

Important: *For most effective cleaning keep the spray nozzle approximately 8 to 24 inches away from the cleaning surface. When cleaning tyres do not bring the nozzle within 6 inches of the surface to avoid damage and potential injury.*



10. Pressure Adjustment

1. Vary the Cleaning Distance.

One method of adjust the pressure on the cleaning surface is to vary the distance between the nozzle and the object you a

2. Change the pressure nozzle.

Completely shut down the pressure washer and stop the petrol engine. Change the spray nozzle as required for the cleaning application.

11. Using Chemicals and Cleaning Solvents

WARNING

Use only soaps and chemicals designed for petrol washers - if in doubt contact your nearest Jefferson Tools retailer for advise. Do not use bleach to spray with this equipment. Applying chemicals or cleaning solvents is a low pressure operation. Chemicals, soaps and cleaning solvents will not siphon when a high pressure nozzle is used. Always use the black detergent nozzle for chemical and solvent cleaning .

To Apply detergent

1. With pressure washer turned off, Prepare the detergent solution as recommended by the manufacturer.

2. Remove the detergent tank cap (located in front of the pressure washer).

3. Fill the tank with the prepared detergent solution using a funnel if necessary. Replace the detergent tank cap.

4. Lock the trigger and attach the Black Detergent Nozzle to the wand.

5. Start the pressure washer. Unlock the trigger and squeeze the spray gun trigger and apply detergent to the cleaning surface using long, even & overlapping strokes.

6. Allow the detergent to "soak in" for 3-5 minutes before washing and rinsing. Reapply as required to prevent the surface from drying. Do not allow the detergent to dry on the surface (this will result in streaking).

To Rinse

1. Shut down the pressure washer. Replace the detergent nozzle with a suitable cleaning nozzle. Squeeze the trigger and wait for the detergent to clear.

2. Keep the spray gun a safe distance from the area you plan to spray.

3. Start at the top of the cleaning area working down with consistent overlapping strokes.

Flush the system

1. Turn off the engine and fill the detergent tank with clean water.

2. Remove the nozzle and turn the washer back on.

3. Point the wand in a safe direction and squeeze the trigger to flush clean water through the detergent tank and pressure washer system until it is thoroughly clean.

WARNING

Leaving chemicals and cleaning solutions in the pressure pump could result in damage to the pump components. **Any damage caused by soap or detergent residue will not be covered under warranty.**

12. Shut Down Procedure

1. If you have used any chemicals rinse system thoroughly as outlined on pg.11 to prevent damage to the pump.

Never turn the water supply off when the engine is running.

2. To stop the engine set the engine switch on the side of the engine to the OFF position.

3. Turn the water supply off and disconnect the garden hose from the pressure washer.

4. Pull the trigger on the spray gun to relieve any water pressure in the hose or the gun.

Allow the engine to cool before folding down the frame in preparation for storage.

13. 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**.**

Engine 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.

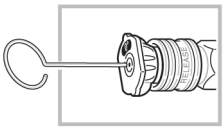
Engine:

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

Spray Gun:

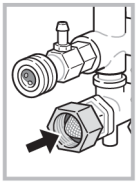
If the nozzle becomes clogged with dirt and debris excessive pressure can build up. If the nozzle becomes partially clogged or restricted the pump pressure will fluctuate and can become harmful and dangerous.

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.

		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 carburettors*

** = *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*

14. 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 tp 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 carburettor* Empty the deposit cup**
Over a year	Drain out the original fuel of the fuel and refuel Drain the fuel out of the carburettor* 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 carburettor*

** *= 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.*

15. Troubleshooting Guide

Engine Troubleshooting:

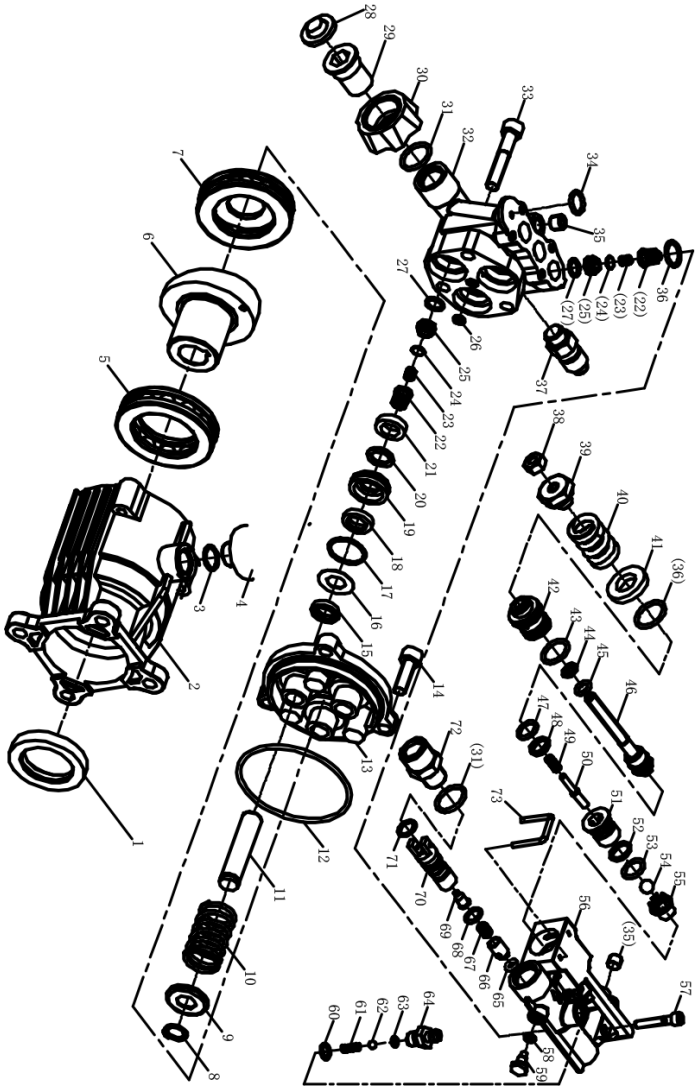
<table>
<tr><th>Fault</th><th></th><th colspan="3">Probable Cause</th><th>Repair</th></tr>
<tr><td rowspan="15"></td><td rowspan="3">Insufficient compression</td><td colspan="3">Loose spark plug</td><td>Tighten the spark plug</td></tr>
<tr><td colspan="3">Loose cylinder head bolt</td><td>Tighten the head bolt</td></tr>
<tr><td colspan="3">Damaged gasket</td><td>Replace the gasket</td></tr>
<tr><td rowspan="12">Sufficient compression</td><td colspan="4">Fuel System Problems</td></tr>
<tr><td rowspan="5">No fuel supplied to the combustion chamber</td><td colspan="2">Starter cord</td><td>Pull the start cord sharply</td></tr>
<tr><td colspan="2">Debris in the fuel tank</td><td>Clean the tank out</td></tr>
<tr><td colspan="2">Blocked fuel line</td><td>Clean the fuel line*</td></tr>
<tr><td colspan="2">Insufficient fuel in the tank</td><td>Refuel</td></tr>
<tr><td colspan="2">Fuel tap is closed</td><td>Open the tap</td></tr>
<tr><td colspan="4">Electric System Problems</td></tr>
<tr><td rowspan="5">Combustion chamber supplied with fuel</td><td rowspan="3">Poor spark from the plug</td><td>Dirty plug</td><td>Clean / dry the plug</td></tr>
<tr><td>Damaged spark plug</td><td>Replace the spark plug</td></tr>
<tr><td>Faulty magneto</td><td rowspan="2">Contact your nearest Jefferson dealer for advice</td></tr>
<tr><td rowspan="2">Good spark</td><td>Carburetor incorrectly adjusted</td></tr>
<tr><td>Insufficient pull speed on recoil cord</td><td>Pull the recoil starter rope sharply</td></tr>
<tr><td colspan="3">Wrong grade of fuel being used</td><td>Check the quality of the fuel</td></tr>
<tr><td colspan="3">Overloading</td><td rowspan="2">Assess the working conditions</td></tr>
<tr><td colspan="3">Overheating</td></tr>
<tr><td>Engine fails to start</td><td colspan="5"></td></tr>
<tr><td>Low engine output</td><td colspan="5"></td></tr>
<tr><td>Engine runs erratically</td><td colspan="5"></td></tr>
</table>

Pump Troubleshooting:

Fault	Probable Cause	Solution
Fluctuating pressure levels	*Pump is drawing in air*	***Check connections and tighten if required to seal***
	Faulty or dirty valves	***Contact your nearest Jefferson dealer for advice***
	Blocked nozzle jet	***Remove debris from the nozzle using the cleaning tool***
Water leaking from the pump	*Seals are worn out*	***Contact your nearest Jefferson dealer for advice***
Pump will not reach the required pressure	*The pump is sucking air from connections or the hose*	***Check all connections and tighten if required***
	The suction delivery valves are clogged	***Clean the valves Arrange to have the equipment serviced at your nearest Jefferson repair centre***
	The unload valve is stuck	***Loosen and re-tighten the regulating screw***
	Nozzle is dirty, worn out or there is a problem with the lance	***Clean the nozzle Check the connections on the lance Replace parts if required***
Pump is running but no water	*Kinked inlet or pressure hose Damaged hose*	***Check, clean, straighten Replace the hose***
	Blocked inlet filter	***Remove and clean the filter***
	Blocked jet	***Remove the blockage using the nozzle cleaning kit***

16. Parts Lists & Diagrams

Pump Parts Diagram

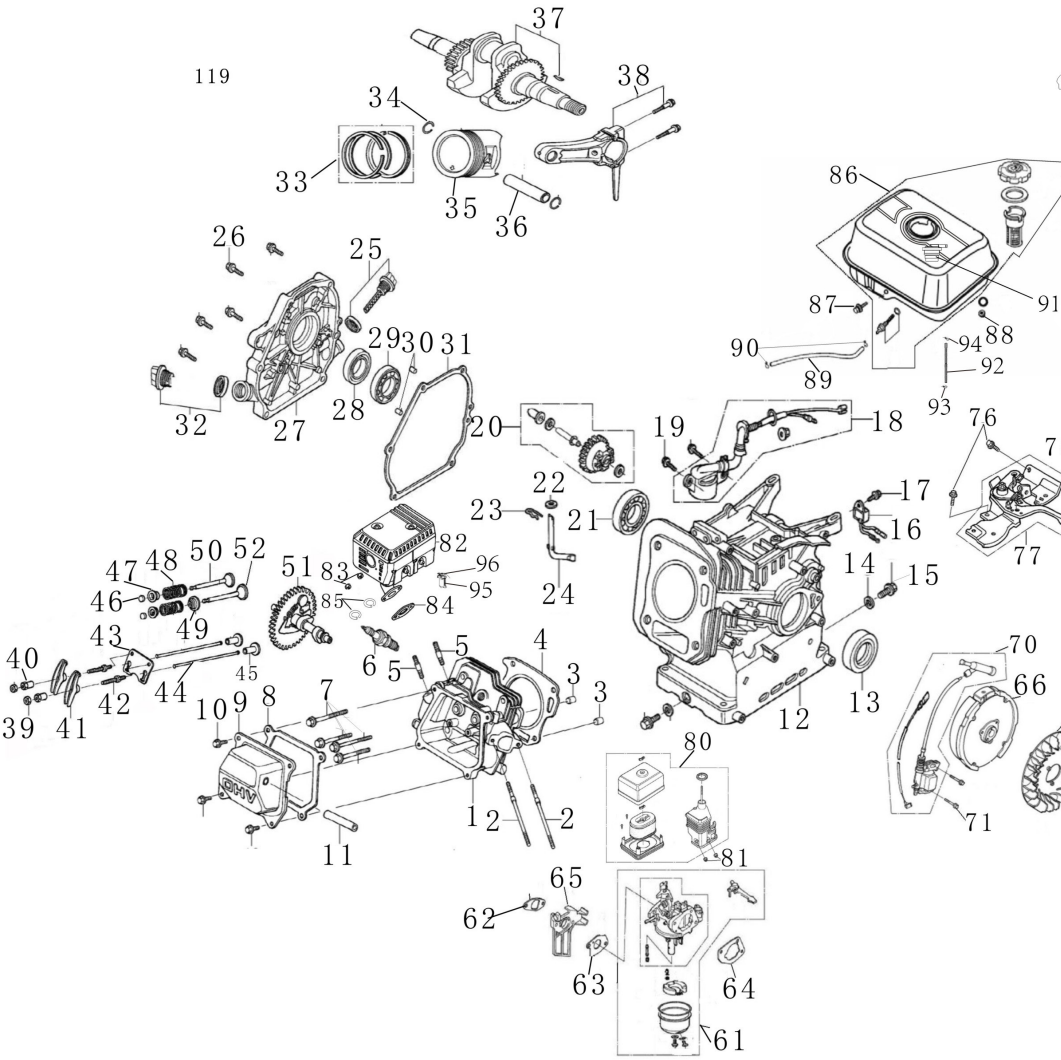


Pump Parts List

No.	Description
1	Oil Housing
2	Back Housing
3	O' Ring
4	-
5	Thrust Bearing 2
6	Wobble Plate
7	Thrust Bearing 1
8	Washer 13
9	Spring Plate
10	Piston Spring
11	Piston
12	O-Ring 73x2.65
13	Piston Seat
14	Screw 8x25
15	Oil Seal
16	Washer
17	O-Ring 22.4 x 1.8
18	Seal Washer 13 x 20 x 4
19	Packing supt
20	Washer
21	Water Seal
22	Valve Boot
23	Valve Spring
24	Valve Gasket
25	Valve Seat
26	O-Ring 4.5x1.8
27	O-Ring 9x1.8
28	-
29	Inlet Connector
30	Nut (hand tight)

No.	Description
31	O-Ring 14x1.8
32	Manifold
33	Screw
34	O-Ring 12x2
35	Block
36	O-Ring 14x2
37	Thermal Relief
38	Nut M6 Dzn
39	Regulating Nut
40	Regulating Pressure Spring
41	Washer
42	Valve Cover
43	O-Ring 12.42x1.78
44	Backup Ring 6.2x9x1.25
45	O-Ring 6.07x1.78
46	Valve Rod
47	O-Ring 8.5x1.8
48	Backup Ring 8.7x11.6x1.25
49	Pin Spring
50	Pin
51	Upper Seat
52	Backup Ring 10.3x13x1.25
53	O-Ring 10x1.8
54	Steel Ball Ø7/9" Cr18
55	Lower Seat
56	Outlet Valve Body
57	-
58	O' Ring 4x2
59	Block 2
60	O' Ring 7.65x1.78

No.	Description
61	Small Spring
62	Steel Ball Ø3/16" Stainless St
63	O' Ring 3.68x1.78
64	Fixed Injector
65	O' Ring 4x2.65
66	Unilateral valve core
67	Unilateral valve spring
68	O' Ring 9x1.8
69	Nozzle
70	Venturitube
71	O' Ring 10x1.8
72	Outlet connector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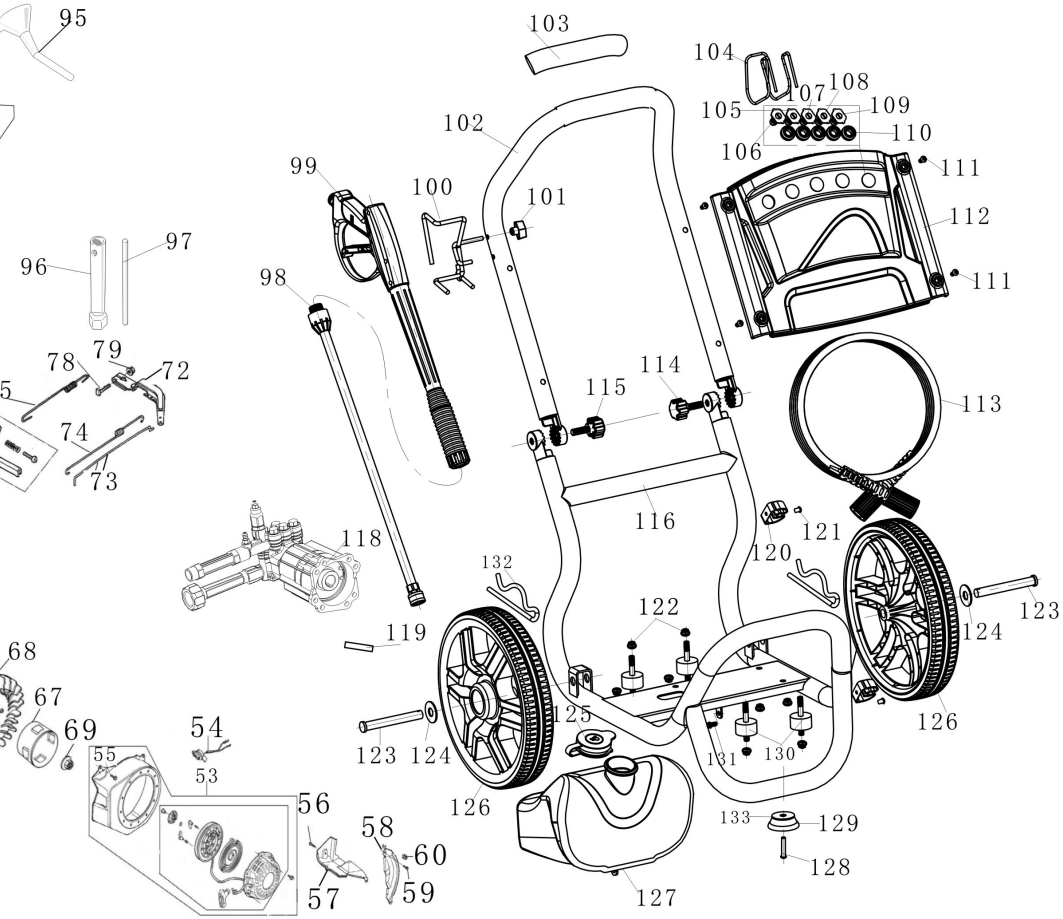
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No.	Code	Description	Qty
1	12200-E70F-0000	Cylinder Head Assy	1
2	12004-E68F-100A	Stud Bolt,Inlet	2
3	12006-E68F-0000	Dowel Pin	2
4	12001-E70F-1000	Gasket,Cylinder Head	1
5	12005-E68F-000A	Stud Bolt,Exhaust	2
6	12005-E68F-000A	Spark Plug	1
7	B5789-08LG-060A	Flange Bolt	4
8	12002-E68F-0000	Gasket,Cylinder Cap	1
9	12500-E68F-300C	Cylinder Cap Assy	1
10	B5789-06KG-012A	Flange Bolt	4
11		Waste Pipe	1
12	11100-E70F-0000	Crankcase	1
13	B9877.1-2541-A001	Oil Seal	2
14	B848-010H-0000	Aluminium Washer	2
15	B5789-10LG-015A	Drain Plug	2
16	15030-E68F-0000	Oil Alert	1
17	B5789-06KG-012A	Flange Bolt	1
18	15020-E70F-1000	Oil Sensor	1
19	B5787-06KG-016A	Flange Bolt	2
20	16010-E70F-0000	Governor Assy	1
21	B275-6205-01	Bearing	2
22	B95-060G-000B	Washer Plain	1
23	16006-E56E-0000	Clamp,Dowel Pin	1
24	16001-E68F-1000	Shaft Governor Assy	1
25	11010-E68F-1000	Oil Rule Components	1
26	B5787-08LG-032A	Flange Bolt	6
27	11200-E68F-0000	Crankcase Cover Assy	1
28	B9877.1-2541-A001	Oil Seal	2
29	B275-6205-01	Bearing	2
30	11014-E68F-0000	Dowel Pin	2
31	11012-E68F-3100	Gasket,Crankcase Cover	1
32	11022-E68F-0000	Drain Plug	1
33	13010-E70F-0000	Piston Ring Components	1
34	13112-E68F-0000	Ring,Piston Pin	2
35	13101-E70F-0000	Piston	1
36	13111-E68F-0000	Piston Pin	1
37	13300-E68F-B002	Crankshaft Assy	1

No.	Code	Description	Qty
38	13200-E68F-0000	Connecting Rod	1
39	14434-E88F-0000	Nut,Pivot Adjusting	2
40	14433-E68F-0000	Bolt Pivot	2
41	14431-E68F-0000	Arm,Valve Rocker	2
42	14432-E88F-0000	Rocker Arm	2
43	14449-E68F-0000	Plate,Push Rod Guide	1
44	14410-E68F-0000	Rod,Push	2
45	14441-E68F-0000	Lifter Valve	2
46	14447-E68F-0000	Rotator,Valve	2
47	14446-E68F-0000	Retainer,Exhaust Valve Spring	2
48	14751-E68F-0000	Spring Valve	2
49	14444-E68F-0000	Oil Cover,Inlet	1
50	14443-E68F-1000	Air Exhaust	1
51	14100-E68F-2000	Camshaft Assy	1
52	14442-E68F-0000	Air Inlet	1
53	15600-E68F-20B4	Recoil Starter Assy	1
54	15050-E68F-0000	On/Off Switch	1
55	B5789-06KG-012A	Flange Bolt	4
56	B5789-06KG-012A	Flange Bolt	2
57	11023-E68F-0100	Down Wind Guide	1
58	11023-E68F-0000	Side Wind Guide	1
59	B5789-06KG-020A	Flange Bolt	1
60	17011-E88F-0000	One-Way Valve Line Card	1
61	17200-E68F-1001	Carburator Assy	1
62	17005-E68F-1000	Gasket,Air Inlet	1
63	17003-E68F-1000	Washer, Carburator	1
64	17004-E68F-1000	Gasket,Air Cleaner	1
65	17001-E68F-0000	Connecting Block,Carburator	1
66	15300-E68F-0000	Flywheel Components	1
67	15003-E68F-0000	Starting Cup	1
68	15004-E68F-0000	Cooling Fan	1
69	B6177.1-14MG-000A	Flange Nut	1
70	15100-E68F-0000	Ignition Coil Assy	1
71	B5789-06KG-025A	Flange Bolt	2
72	16020-E68F-0000	Arm,Governor	1
73	16002-E68F-0000	Governor Rod	1
74	16003-E68F-0000	Fine Spring	1
75	16004-E68F-0000	spring,return	1

No.	Code	Description	Qty
75	16004-E68F-0000	Spring,Return	1
76	B5789-06KG-012A	Flange Bolt	2
77	16300-E68F-0100	Speed Governor Assy	1
78	16031-E68F-000A	Bolt,Governor Arm	1
79	B6177.1-06KG-000A	Flange Nut	1
80	14200-E68F-00B4	Air Cleaner Assy	1
81	B6177.1-06KG-000A	Flange Nut	2
82	18100-E68F-0001	Muffler Assy	1
83	B6170-0800-000A	Hex Nut	2
84	18010-G2A3-0000	Washer,Muffler	1
85	B895-085G-000A	Spring Washer	2
86	54100-H27B-00B4	Fuel Tank Assy	1
87	B5789-06KG-030A	Flange Bolt	1
88	B6177.1-06KG-000A	Flange Nut	2
89	17002-E68F-1000	Fuel Hose	0.155
90	54106-G7A1-0000	Hoop Clamp	2
91	54130-E68F-0000	Roll Over Valve Assy	1
92	54109-H27B-0000	Fuel Hose,Abnormity	1
93	54106-G7A2-1000	Hoop Clamp	1
94	54106-H27B-0000	Hoop Clamp	1
95	59508-H33C-0000	Funnel	1
96	59503-G5A3-1000	Spark Plug Socket	1
97	59502-G5A3-1000	Assistor	1
98	20092-00005-00	Spray Lance (6.5HP)	1
99	20091-00001-00	High Pressure Spraying Gun (6.5HP)	1
100	44020-H27D-00RE	Frame	1
101	44009-H33C-00B7	Closefisted Nut	1
102	44210-H32D-10RE	Frame Handle	1
103	51306-G5B8-0000	Handle Rubber	1
104	44325-H27D-0000	Pressure Tube Pothook	1
105	44302-H32A-0100	Nozzle 0°	1
106	44302-H32A-0200	Nozzle 15°	1
107	44302-H32A-0300	Nozzle 25°	1
108	44302-H32A-0400	Nozzle 40°	1
109	44302-PW25-0000	Nozzle	1
110	44305-H25B-0000	Nozzle Fixed Seat	5

No.	Code	Description	Qty
111	B70.2-06AG-016C	Hex Bolt	4
112	44324-H27D-0000	Nozzle Panel	1
113	20048-00048-00	Pressure Tube (6.5HP)	1
114	44010-H27D-0000	Handle Bolt	1
115	44010-H27D-0001	Handle Bolt	1
116	44200-H32D-10RE	Frame Assy.	1
117	N/A	N/A	N/A
118	44100-H27D-0200	Axel Pump	1
119	13301-E68F-0000	Flat Key	1
120	54106-H33C-00B4	Spray Lance Support	2
121	B70.2-06AG-011B	Hexagon Socket Screw	2
122	B6177.1-08KG-000A	Flange Nut	8
123	51301-H32D-0000	Axle	2
124	B97.4-140G-000B	Flat Washer	2
125	44308-H31C-00B7	Tank Cap	1
126	51310-H27D-0000	Wheel Kit	2
127	44307-H27D-0000	Cleanout Fluid Tank	1
128	B70.2-06AG-020C	Hex Bolt	1
129	51304-H27D-0000	Rubber Blanket	1
130	51204-H33C-0000	Stud Bolt Cushion Socket	4
131	B5789-06KG-010C	Flange Bolt	1
132	16006-G7A2-0000	Lock Pin	2
133	B5287-P020-001B	Washer	1

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, unauthorised 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

- All Jefferson petrol and electric pressure washers
- All Jefferson spray guns, lances and hoses*

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. Please ensure that you include a copy of your 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.

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**.

Jefferson®
PROFESSIONAL TOOLS & EQUIPMENT
Parts & Servicing

For Jefferson approved replacement parts contact your nearest dealer or contact Jefferson tools

Telephone: +44 (0)1244 646 048
Fax: +44 (0)1244 241 191
Email: warranty@jeffersontools.com

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 Directives:

2000/14/EC (as amended)	**Noise Emission in the Environment by Equipment for Use Outdoors**
2004/108/EC (as amended)	**Electromagnetic Compatibility**
2006/42/EC (as amended)	**Machinery Directive**
97/68/EC (as amended)	**Non Road Mobile Machinery Directive**

Equipment Category: 6.5HP Petrol Washer

Product Name/Model: JEFWASPET065HP/A

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

Measured Sound Power Level: 98dB

Guaranteed Sound Power Level: 99dB

A copy of this certificate has been submitted to the European Commission and to the EU Member State, United Kingdom

Signed by: Stephen McIntyre
Position in the company: Operations Director
Date: 3rd December 2016

This technical document is held by: Jimmy Hemphill

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
www.jeffersontools.com

17. Notes

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
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www.jeffersontools.com