

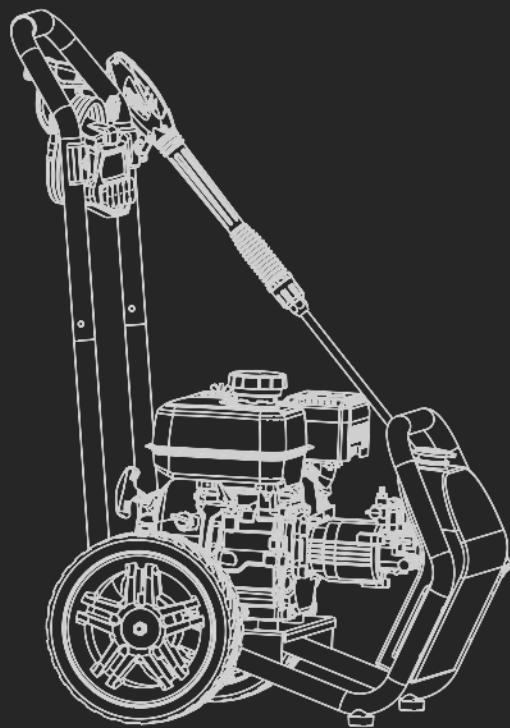
HYUNDAI
POWER PRODUCTS

PETROL PRESSURE WASHER HYW3400P

Instruction Manual



GENUINE PRODUCT OF
HYUNDAI CORPORATION



WARNING: Read the instructions carefully before use.

Contents

Introduction.....	3	Technical Data.....	32
Safety Information.....	4-12	Recycling & Disposal.....	33
Understand Your Machine.....	4	Declaration of Conformity.....	34
Personal Safety.....	4-5	Useful Information.....	35
Inspect Your Machine.....	5	Our YouTube Channel.....	35
Vibrations.....	6	Warranty.....	35
Noise.....	6	Manual Updates.....	35
Residual Risks.....	6	Returning Your Product.....	35
Intended Use.....	7	Leaving A Review.....	35
Personal Protective Equipment.....	8	Ordering Spare Parts.....	35
Symbols On The Machine.....	9		
General Warnings & Disposal.....	10		
Fuel Safety.....	11-12		
Unboxing.....	13	Product Record.....	36
Features.....	14	Contact Us.....	37
Assembly.....	15-18	Notes.....	38-39
Box Contents.....	15		
Wheel Assembly.....	15		
Feet Assembly.....	16		
Main Handle Assembly.....	16		
Nozzle Plate.....	17		
Water Outlet/Inlet connection.....	17		
Lance Assembly.....	18		
Nozzle Selection.....	18		
Operation.....	19-23		
Pre-Operation Oil Level check.....	19		
Pre-Operation Fuel Level Check.....	20		
Pre-Operation Water checks.....	21		
Starting with Recoil.....	22		
Stopping.....	22		
Pressure Washing.....	23		
Soap Function.....	23		
Maintenance & Care.....	24-31		
General Maintenance.....	24		
Storage.....	24		
Cleaning.....	24		
Replacement Parts/Spares Information.....	25		
Oil Servicing.....	26		
Sparkplug.....	27		
Sediment Filter & Draining Fuel.....	28		
Preventing Seizing.....	28		
Troubleshooting.....	29&30		
Maintenance Schedule.....	31		

Introduction

Thank You For Purchasing Your HYUNDAI Product

We work very hard to give all of our customers the best possible service. If you have any problems, before leaving negative feedback, please contact us to give us a chance to resolve the issue. We would be delighted if you left us positive feedback! Thank you for purchasing this product.

Important!



WARNING: READ THE INSTRUCTION BOOKLET THOROUGHLY BEFORE USING THE MACHINE. Keep for future reference and pass it on if the machine is loaned or sold to another user.

This manual has been produced by Hyundai Power Products and should be kept with the product. Please read and understand these instructions before you use your product. Failure to do this may result in personal injury or damage to the product.

The safety precautions and warnings are to ensure your safety and protect you from harm or damage to the product.

The information contained in this manual was accurate at the time of production, however HYUNDAI Power Products may make modifications to the product without notification.

Safety Information

Understand Your Machine

- **WARNING!** You must read these instructions carefully before operating the machine. Make sure that you are familiar with the controls and properly operate the machine. You must learn how to stop the machine quickly. If you do not follow the warnings and instructions, it may result in fire and/or serious injury. Make sure to save all warnings and instructions for future reference.
- Read this manual and labels affixed to the machine to understand its limitations and potential hazards.
- Be thoroughly familiar with the controls and their proper operation. Know how to stop the machine and disengage the controls quickly.
- If the unit is to be used by someone other than original purchaser, or is to be loaned, rented, or sold, always provide this manual and any needed safety training before operation. The user can prevent and is responsible for accidents or injuries that may occur to themselves, to other people, or to property.
- Do not force the machine beyond its limits. Use the correct machine for your application.
- Know how to stop the machine quickly in case of emergency. Understand the use of all controls.
- ALL MAINTENANCE other than that listed in this manual, should be carried out by professionally trained and certified personnel.
- When using this machine for the first time and before actual work, you **MUST** learn how to handle the machine from an experienced or skilled person.

Personal Safety

- **WARNING!** Never allow children or people unfamiliar with these instructions to use the product. Local regulations can restrict the minimum age of the operator.
- Keep children, pets, and other people not using the unit away from the work area (at least 15m). Be alert and shut off the unit if anyone enters work area. Keep children under the watchful care of a responsible adult.
- Stay alert, watch what you are doing and use common sense when operating the machine. Never operate the machine when unwell or tired, or if you have taken alcohol, medicine, drugs or any substances which may slow your reflexes and compromise judgment. A moment of inattention while operating the machine may result in serious personal injury.
- Appropriate Personal Protective Equipment (PPE), **MUST** be worn at all times when operating or repairing the machine. Always wear anti-slip and resistant work footwear and long trousers while using the machine. Do not use the machine when barefoot, wearing sandals or similar lightweight footwear. Do not wear chains, bracelets or clothing that is loose fitting or hanging ties or cords. Tie long hair back. Always wear protective earplugs. Loose clothes, jewellery, or long hair can be caught in moving parts. Protect eyes, face, and head from objects that may be thrown from the unit. Always wear safety goggles or safety glasses with side shields when operating.
- Always keep hands and feet away from all moving parts during operation. Moving parts can cut or crush body parts. Always keep hands and feet away from all pinch points.

Safety Information

Personal Safety (Continued)

- Do not touch parts that might be hot from operation. Allow parts to cool before attempting to maintain, adjust, or service.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the machine in unexpected situations. Extending your body too far can result in a loss of balance and you may fall which will result in injury.
- Never place any part of your body where it would be in danger if movement should occur during assembly, installation, and operation, maintenance, repairing or moving.
- Keep in mind that the operator or user is responsible for accidents, hazards or unexpected events involving the machine that occur to other people or their property. It is the responsibility of the user to assess the potential risk of the area where work is being carried out. The operator or user must take all necessary precautions to ensure their own safety and that of others, especially on slopes or rough, slippery and unstable ground.

Inspect Your Machine


- Check your machine before starting it. Keep guards in place and in working order. Make sure all nuts, bolts, etc., are securely tightened.
- You must check the general condition of the machine before use.
- Never operate the machine when it is in need of repair or is in poor mechanical condition. Replace damaged, missing, or failed parts before using it. Check for fuel leaks. Keep the machine in safe working condition.
- Do not use the machine if the machine's switch does not turn off the machine when running. Any machine that can't be controlled with the switch is dangerous and must be replaced.
- Regularly check to see that keys and adjusting wrenches are removed from the machine area before starting it. A wrench or a key that is left attached to a rotating part of the machine may result in personal injury.
- If the machine should start to vibrate abnormally, stop the machine and check immediately for the cause. Vibration is generally a warning sign of trouble.
- Avoid accidental starting. Be sure the switch is off before transporting the machine or performing any maintenance or service on the unit. Transporting or performing maintenance or service on a machine with its switch on invites accidents.
- Do not tamper with or disable safety systems.
- Only use manufacturer-recommended attachments.
- Before using, always visually inspect to see that the tools are not worn out or damaged. Replace worn out or damaged elements and bolts in set to preserve balance.
- Keep the machine in good operating condition. Operating the machine in poor or questionable condition could result in serious injury.
- Be sure all safety devices are in working order and warning labels are in place. These items are installed for your safety.

Safety Information

Vibrations (Where Applicable)

- Prolonged use of hand held (operated) machines will cause the user to feel the effects of/from vibrations. These vibrations can lead to white finger (Raynaud's phenomenon) or carpal tunnel syndrome. This condition reduces the ability of the hand to feel and regulate temperature, causing numbness and heat sensations and may cause nerve damage and circulatory tissue death.
- Not all factors that lead to white finger disease are known, but cold weather, smoking and other diseases that affect blood vessels and blood circulation as well as large and long-lasting impact of shocks are considered factors in the formation of white finger. Note the following to reduce the risk of white finger and carpal tunnel syndrome;
 - Wear gloves and keep your hands warm.
 - Take regular breaks.
 - All of the above precautions may help reduce the risk of white finger disease but not rule out the carpal tunnel syndrome. Long-term and regular users are therefore recommended to observe the condition of your hands and fingers. Seek medical attention immediately if any of the above symptoms should occur.

Noise (Where Applicable)

- The operating noise of the machine can damage your hearing. When wearing protection such as earplugs or ear defenders to protect your hearing. Long-term and regular users are advised to have hearing checked regularly. Be especially vigilant and cautious when wearing ear protection because your ability to hear alarm warnings will be reduced.
 - Noise emissions for this equipment is unavoidable. Carry out noisy work at approved times and for certain periods. Limit the working time to a minimum. For your personal protection and protection of people working nearby it is also advisable for them to wear hearing protection.
-  • See Certificate of Conformity section for Outdoor Noise declaration of conformity.

Residual Risks

Even when tool is used as prescribed it is not possible to eliminate all residual risk factors. The following hazards may arise in connection with the tool's construction and design:

1. Damage to lungs if an effective dust mask is not worn.
2. Damage to hearing if effective hearing protection is not worn.

Health defects resulting from vibration emission if the power tool is being used over longer period of time or not adequately managed and properly maintained.

Safety Information

Intended Use

The HYW3400P is a petrol pressure washer from HYUNDAI. The HYW3400P has a maximum pump head pressure of 3600psi, powered by a 212cc petrol motor. The pump has a 6 litres per minute output, with various spray pattern nozzles.

This machine is for DIY home and garden use, specifically pedestrian. The machine is manufactured according to the latest safety requirements. Every precaution is only effecting when it is followed exactly.

Intended Use

This machine was designed and manufactured for pressure washing various surfaces at high pressures. Any sensitive surfaces i.e car panels or soft render proceed with caution and start further away, close high pressure will cause damage

User Types

This machine is intended for use by consumers, i.e. non professional operators. The machine is intended for "DIY" and domestic use only.

Improper Use

Any other usage not in keeping with the above mentioned may be hazardous and harm persons and/or cause damage. Larger stones are not suitable to be mixed within this machine, as they may cause damage to the drum.

Safety Information

Personal Protective Equipment

Appropriate Personal Protective Equipment (PPE), MUST be worn at all times when operating or repairing the machine. No protective equipment can ensure 100% protection.

When selecting PPE, make sure it's CE marked and it suits the user in terms of size, fit, etc. If more than one item of PPE is worn at the same time, make sure they can be used together, e.g. wearing safety glasses may disturb the seal of a respirator, causing air leaks.



Hand Protection Must Be Worn

Protective electrically non-conductive gloves are highly recommended when working.



Foot Protection Must Be Worn

Non-skid heavy duty footwear are highly recommended when working.



Hearing Protection Must Be Worn

Suitable safety hearing protection is recommended.



Eye Protection Must Be Worn

Always wear safety glasses/goggles and/or face shields. Everyday eyeglasses have only impact resistant lenses; they are not safety glasses/goggles.



Protective Clothing Must Be Worn

Do not wear loose clothing, gloves, scarfs, neckties or jewellery (rings, wrist watches), which can be caught in moving parts.



Head Protection Must Be Worn

Wear a safety helmet with a safety visor.












Face Shield Must Be Worn

Wear a face shield to protect your face.

Safety Information

⚠ Symbols On The Machine

We have provided safety messages in this manual and on the machine. This information alerts you to potential hazards that could hurt you or others. Please read these messages carefully. However, we may not have listed all of the possible hazards, you must also use your own judgement.

Symbol	Description	Symbol	Description
	Safety alert – Indicates a precaution, a warning or a danger.		Eye protection must be worn.
	Hand protection must be worn.		Sound power level LWA data in dB.
	Foot protection must be worn.		This product should not be disposed of in domestic waste. Please contact your local recycling centre for disposal service.
	Read operator's manual.		Class II tools symbol.
	This product complies with the European directives and an evaluation method of conformity for these directives was done.		

Safety Information

⚠ General Warnings & Disposal



Exhaust Gas Warning : Exhaust Gas from this machine is poisonous, NEVER operate in an unventilated area



Electrocution Warning : This machine is a potential source of electrical shock. Never expose to moisture, rain or snow. Do not operate with wet hands or feet.



Hot Surface Warning : During the operation of this machine, it becomes dangerously hot. Allow to cool before moving



Fire Risk Warning : Due to using flammable liquids, risk of fire is always present. NEVER refuel during operation.



Operation Safety Warning : ALWAYS point the lance in a safe direction away from people or animals. The pressure of this machine is so high it will cause accident and injury.



Operation Safety Warning :Ensure when operating this machine you always wear eye protection. The high pressure nature of machine can cause projectiles and high velocity water steams which will injure the naked the eye.



Kickback Warning : Always hold the machine Lance with 2 hands. The machine builds up pressure during operation. When initially pulling the trigger, kickback can occur.



Risk of Liquid Injection : NEVER point the lance in the direction of People or Animals whilst operating. This can result in Hypotonic injury (water in the blood stream) and Arterial Gas Embolism (air in the blood stream). Both these are serious ailments and can cause death.

Safety Information

Fuel Safety



CAUTION! ALL FUELS ARE HIGHLY FLAMMABLE & PETROL VAPOUR IS EXPLOSIVE. TAKE EXTREME CARE WHEN HANDLING FUEL. KEEP FUEL OUT OF REACH OF CHILDREN.

- Do not smoke each time fuel is handled.
- ALWAYS avoid inhaling fumes.
- ALWAYS carry fuel in the correct and clearly marked container.
- ALWAYS wear correct, suitable and fit for purpose Personal Protective Equipment (PPE), suggested items are but not limited to safety gloves and overalls.
- To avoid sparking or arcing, keep grounded conductive objects such as tools away from exposed, live electrical parts and connections. These events could ignite fumes or vapours.
- Do not operate the machine with known leaks in the fuel system.
- Fire hazard - keep fuel away from all sources of ignition for example heaters, lamps, sparks from grinding or welding.
- DO NOT carry out hot work on tanks that have contained fuel.
- ALWAYS keep the work area tidy.
- ALWAYS dispose of waste fuels correctly.
- Serious personal injury can occur when petrol is spilled on yourself or your clothes. Rinse your skin and change your clothes immediately.

Spilled Fuel

- If you have spilled fuel, make sure you do not attempt to ignite the engine but move the machine away from the area of spilled fuel and avoid creating any source of ignition until the fuel has evaporated and fuel vapours have dissipated.
- When fuel is spilled on yourself or your clothes, wash your skin and change clothes immediately.
- ALWAYS clean up spills promptly using absorbent granules and a lidded bin.

Safety Information

Fuel Safety (Continued)

Fuelling / De-Fuelling

- ALWAYS fuel and de-fuel in a well ventilated area outside of buildings. Use a funnel to add fuel, only outdoors. Do not smoke during this and each time fuel is handled.
- Add fuel before igniting the engine, never remove the fuel tank cap or add fuel whilst the engine is running or when it is hot.
- When de-fuelling ALWAYS use a proper fuel retriever.
- Never overfill the fuel tank. Engine heat can cause fuel to expand, never fill the tank to more than 1/2" below the bottom of the filler neck. This will provide space for fuel expansion.
- When refilling or draining the fuel tank, use an approved fuel storage container while in a clean, well-ventilated outdoor area. While adding fuel or operating the unit, do not smoke, and stay away from sparks, open flames, or other sources of ignition near the area of operation.
- Always stop the engine and allow it to cool before filling the fuel tank. Never remove the cap of the fuel tank or add fuel while the engine is running or when the engine is hot.
- Loosen the fuel tank cap slowly to relieve any pressure in the tank.
- ALWAYS keep the handles dry, clean and free of oil and fuel.
- After fueling, ensure to tighten the cap securely.
- Never use the lock-function when filling with fuel.

Storage

- Store fuel in containers specifically designed and approved for fuel storage.
- Store fuel in a cool, well-ventilated area, safely away from sparks, open flames, or other sources of ignition.
- Never store fuel or a machine with fuel in the tank inside a building where fumes may reach a spark, open flame, or any other source of ignition (such as a water heater, furnace, or clothes dryer). Allow the engine to cool before storing in any enclosure.
- Replace all fuel tank and container caps securely and wipe up spilled fuel. Never operate the unit without the fuel cap securely in place.

Unboxing

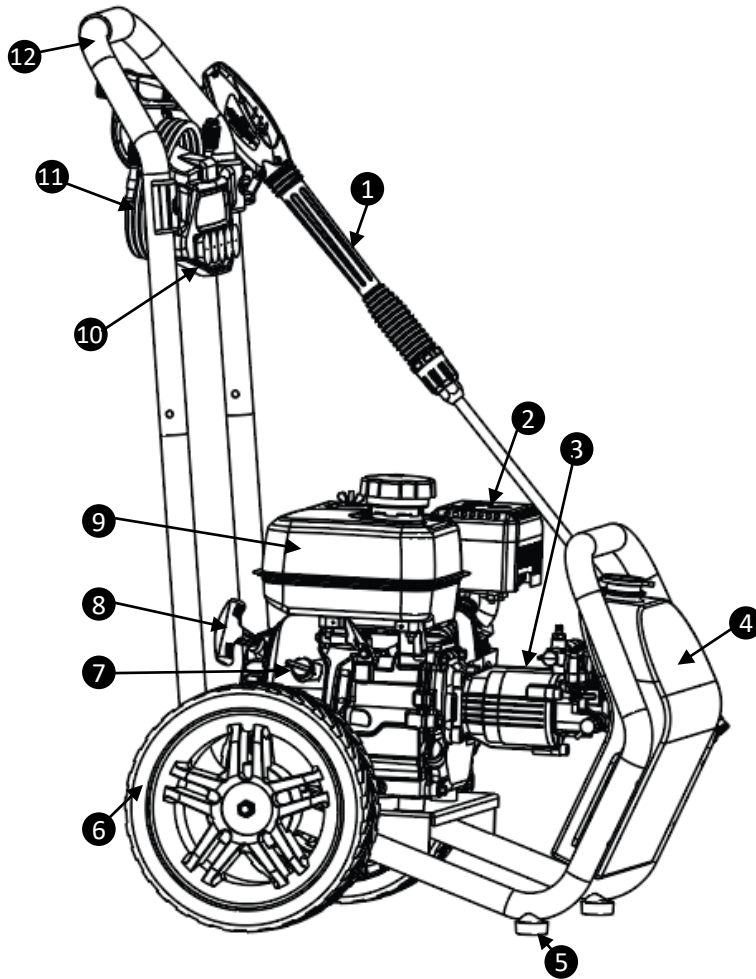
⚠ WARNING : Unboxing and assembling the machine should be done on a flat, surface with enough room. Disposal of the packaging should be done in accordance with the local regulations in force.

⚠ WARNING : Some of the packaging material may be harmful to children. Keep out of reach of children.

1. Carefully remove the product from the packaging and examine it for any sign of damage caused during shipping.
2. Lay the contents out and check them. If any part is damaged or missing, you must not use the machine. Contact HYUNDAI POWER PRODUCTS immediately.
3. You must keep the packaging material in case the machine needs to be returned or repaired.
4. Ensure that you have all the accessories and tools you need for assembly and operation including the suitable personal protective equipment.

We recommend that you fill out the information in the 'Product Record' section. If you need to contact an authorised dealer or customer service, you may need to provide this information.

Features



1. Lance
2. Exhaust
3. Water Pump
4. Detergent Tank
5. Feet
6. Wheels
7. On/Off Switch
8. Recoil Starter
9. Fuel Tank
10. Nozzle Plate & Nozzles
11. Hose
12. Main Handle

Descriptions on next page 

Assembly

⚠ Box Contents

When unpacking your machine, make sure the following items are present:

- Hose
- Spray Gun/Lance
- Nozzle Plate
- Lance Nozzles
- Wheels & Fixings
- Handles & Fixings
- Garden Hose adapter

If any of these components are missing, please contact us.

⚠ Assembly Required

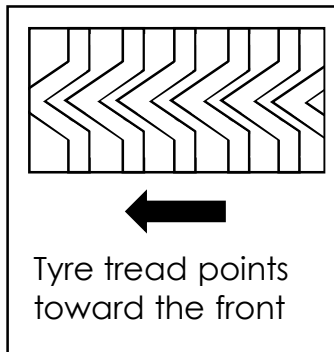
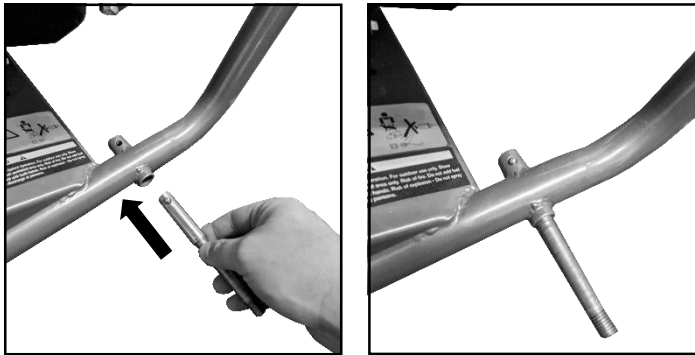
Due to our committed and continuous improvement, your machine may require less assembly than advised within this manual. If your machine comes assembled, please disregard the following instructions.

Wheel Assembly

1. Simply slide an axle into location, use the ball lock to locate axle correctly. Press the ball down and slide the axle so the ball locks into position. Repeat on both sides
2. Place a wheel onto the axle. Repeat both sides.

⚠ **The tread MUST point to the front of the machines as shown below.**

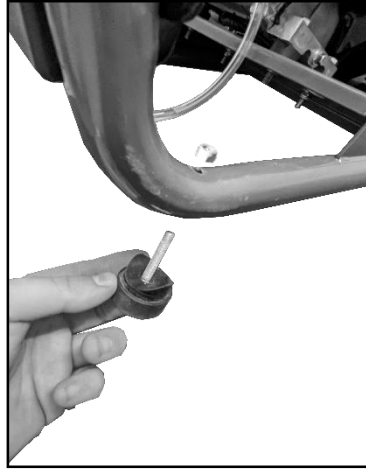
3. Place a washer then the locking nylon nut. **DO NOT** over tighten this bolt as it will prevent the wheel from turning. Repeat on both sides.



Assembly

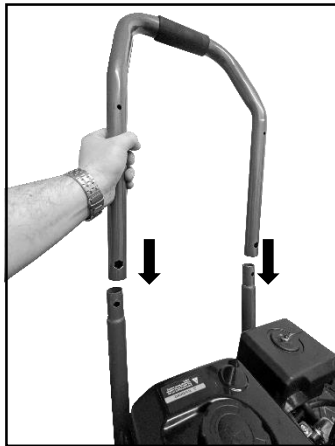
Feet Assembly

1. IF not already installed, at the front of the frame install the feet. Place a washer on the bolt and pass through the bottom of the foot as shown below.
2. Then pass the bolt through frame and secure with a nut. Repeat on both sides.



Main Handle Assembly

1. Place the main handle into position on the frame. Make sure the handle is angled toward the back of the machine.
2. Place the bolt through frame and secure with the handnut.



Assembly

Nozzle Plate

1. The nozzle plate is simply secure into position with the bolts provided. Line up with the holes in the frame and secure on both sides.



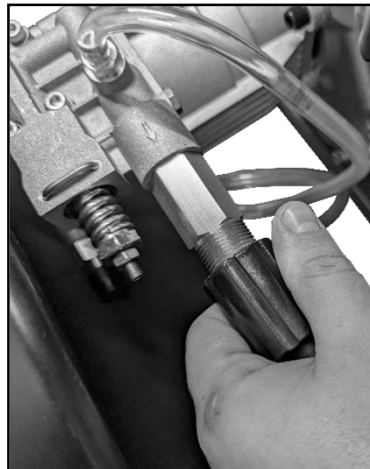
Water Outlet/Inlet connection.

1. Secure the included Garden Hose adapter to the Water Inlet as shown below. This will allow you to supply the machine with clean water direct from a quick connection style hose & adapter (not included)
2. Secure either end of the included high pressure hose to the water outlet as shown below. **BE CAREFUL** when threading this on as you cause cross threading and damage to the outlet.

Water Inlet



Water Outlet



Assembly

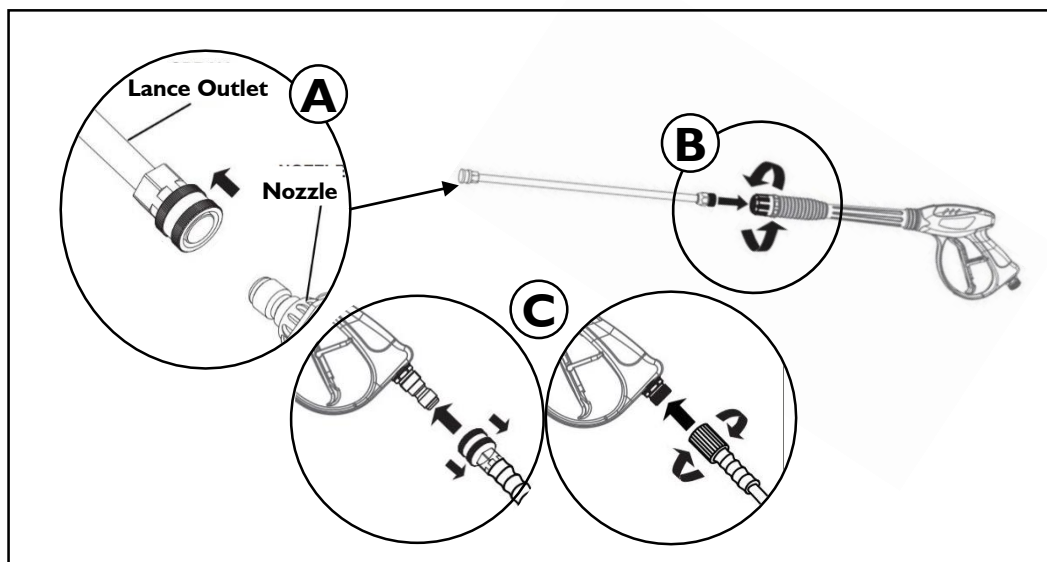
Lance

A – Attaching Nozzles –Bull back on the brass collar on the quick release fitting Lance Outlet. Place the Nozzle into the outlet and release the collar. Check the Nozzle is secure by giving it a slight pull. If seated correctly it should stay in place.

B – Mating Lance Handle to Lance Outlet – The Lance Outlet simply twists into the Lance Handle.

C- High Pressure Hose – Your machine may have either a quick release fit, or a threaded fit. For Quick release, bull back the collar on the High Pressure Hoses Quick Release fitting and place over the Lances fitting. Similarly with the Nozzle, Check the hose is secure by giving it a slight pull. If seated correctly it should stay in place.

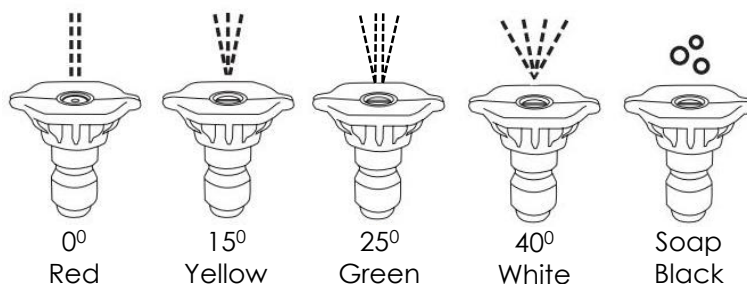
For the Threaded fitment, simply twist the High Pressure hose onto the thread of the Lance Handle.



Nozzle Selection

WARNING! Never use the Red Nozzle with delicate surfaces i.e. Car Cleaning or House Render. THIS WILL CAUSE DAMAGE

The nozzles included with the machine alter the washer fan pattern. These are identified by colour and Degrees°. The lower the amount of Degrees° the more focused the fan pattern. For example the 0° Red nozzle, will provide a focused beam of water, which is very powerful. If you want to use soap **YOU MUST** use the black nozzle. or 3rd party attachment.



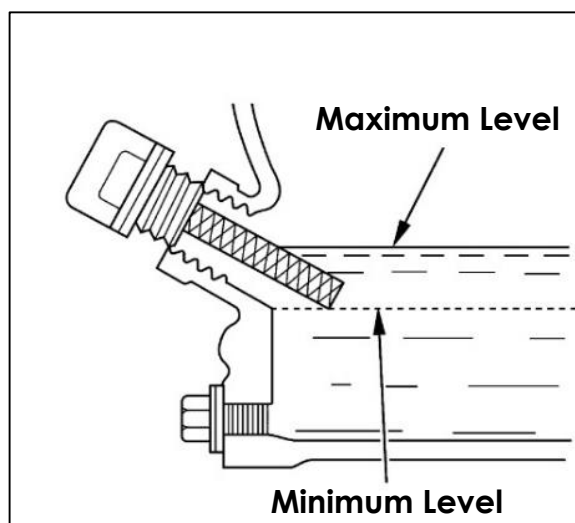
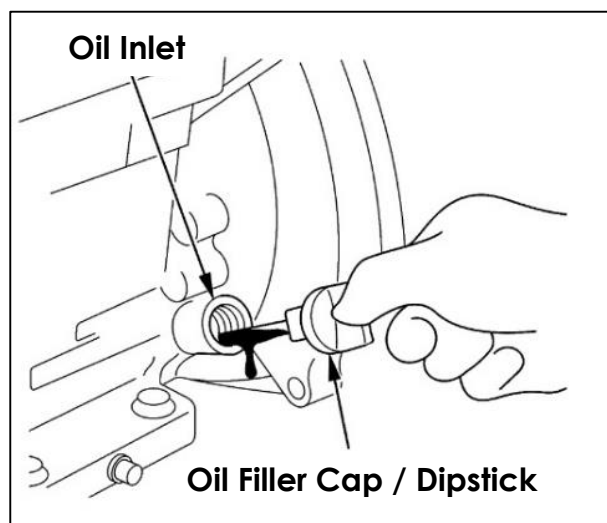
Operation

Pre-Operation Checks

Oil Level

Check Engine Oil Level Check the engine oil level with the engine stopped and in a level position.

- Remove the oil filler cap/dipstick and wipe it clean.
- Insert and remove the dipstick without screwing it into the filler neck. Check the oil level shown on the dipstick.
- If the oil level is low, fill to the edge of the oil filler hole with the recommended oil (SAE 15W-40). Screw in the oil filler cap/dipstick securely.



Operation

Pre-Operation Checks

Fuel Level

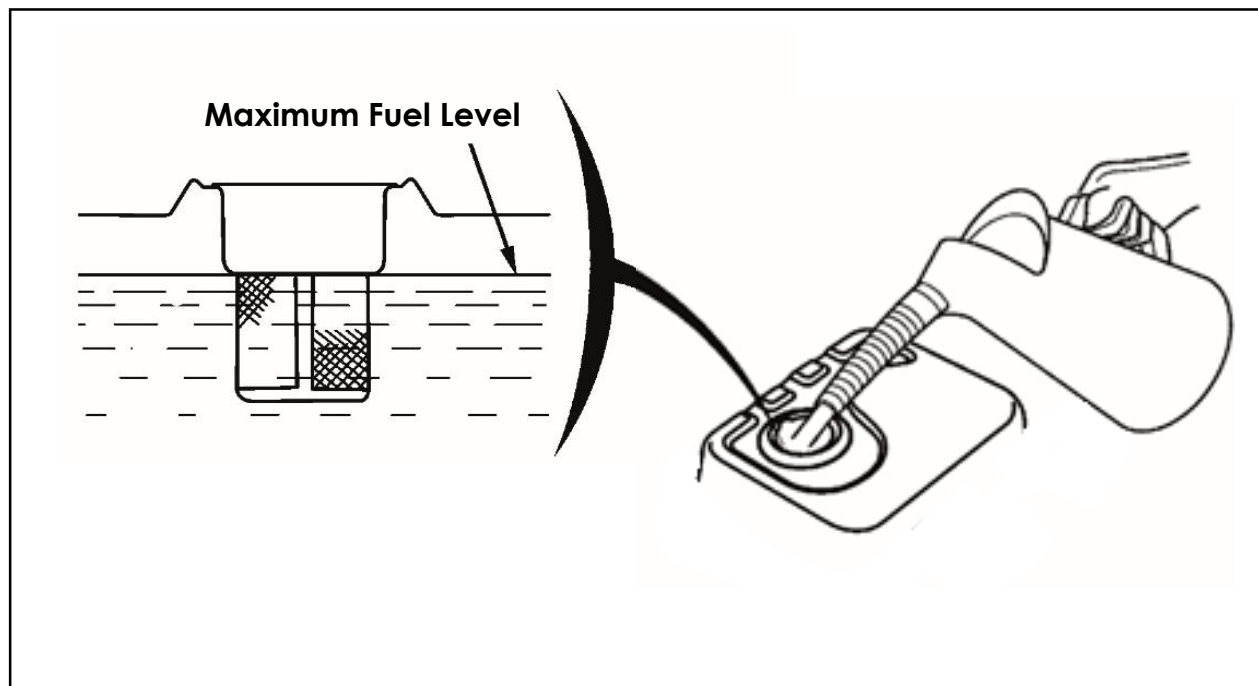
With the engine off and on a level surface, remove the fuel tank cap and check the fuel level. You will be able to see the fuel through the fuel strainer. Refill the tank if you cannot see any fuel in the strainer. After refuelling, tighten the fuel tank cap securely.

Always use a funnel or Fuel Bottle with a Flexible spout like shown below

⚠ Fossil Fuels are combustible and cause skin irritation. You can be burned or seriously injured when handling fuel.

⚠ NEVER fill above the Maximum Fuel Level.

Standard grade E5 & E10 petrol fuel from a fuel station is acceptable to use with this machine.



Operation

Pre-Operation Checks

Water Supply and Outlet

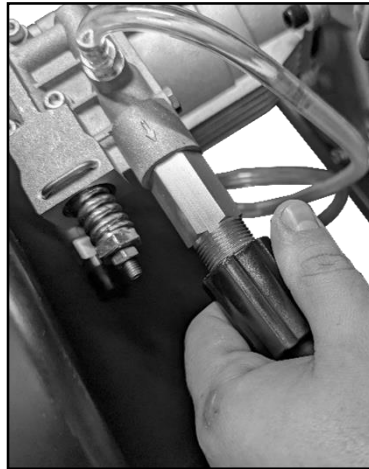
Before connecting the water supply, allow the water to run to ensure no debris is present.

- Connect Water supply to Inlet. Ensure there is 3 metres of unrestricted hose feeding the machine, capable of supplying water at a flow rate greater than 14.4 litres per minute and no less than 20 PSI at pressure washer.
- Connect the High pressure hose to the pump outlet.
- Turn on the Water supply

Water Inlet



Water Outlet



Operation

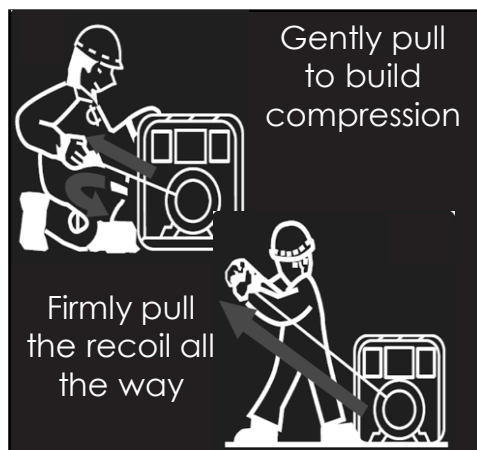
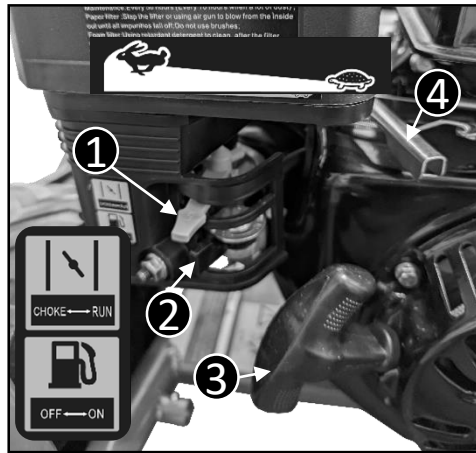
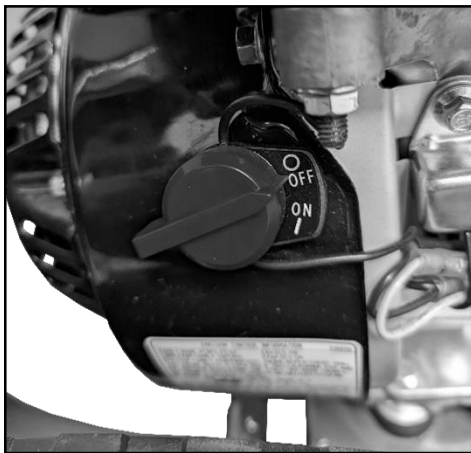
Starting with Recoil

! Ensure all the pre-operation checks have been carried out before starting the machine.

- To start the machine by recoil, turn the ignition switch to the ON position.
- IF starting from cold, put the Choke lever (1) into the choke position. Ignore if restarting from warm/hot.
- Turn the fuel tap (2) into the on position.
- Gently pull recoil (3) until you feel some resistance when pulling.
- With your other hand hold the trigger of the lance to release water pressure within the pump. This will prolong the life of your machine.
- Take a firm grip of recoil starter and pull the whole rope in 1 pull.
- When the engine starts, move the Choke Lever (1) into the run position. Also move the throttle lever into fully on (👉), this will increase the RPM which is required to meet full pump pressure.
- Once the machine is running release water pressure by squeezing the trigger on the gun.

Stopping

- Stop any spraying and allow the machine to return to Idle.
- Reduce the engine RPM by moving the throttle to low position (👈)
- Turn the Engine switch into the Off Position. Turn the Fuel tap to the off position.
- Release the residual pressure in the Lance as this will still be at a high pressure and stop your removing the Nozzles for storage. Ensure you NEVER point the lance in a dangerous area when releasing pressure.

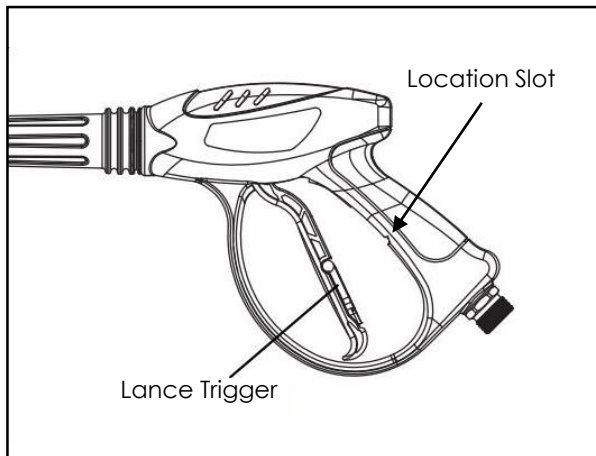


Operation

Pressure Washing

IMPORTANT – When using pressure washer, don't allow the machine to idle for a long time. This will overheat the pump and cause damage. If not using for extended periods of time, turn off the machine.

- With the Machine running with a constant water supply, Choose the nozzle best suited for your activity. Simply pull the Lance Trigger and the machine will expel high pressure water.
- The trigger has an inbuilt Safety Lock Out. When not using the machine, to avoid accidental overspray, simply extend the Safety Lock Out. There is a slot which the Lock Out will sit within



Soap Function

This machine has an automatic soap feed. Fill the Detergent tank at the front of the machine and attach the black nozzle. The pump has a function which utilizes the pressure within the pump to mix the soap into the water output. Detergent will never be expelled using a high pressure nozzle.

The detergent function will also work with 3rd party low pressure detergent nozzles/detergent bottles.

When using detergent, always mix to the manufacturers recommended mix ratios. If there are no ratio's stated, assume it's meant to be used neat.

Maintenance & Care

General Maintenance

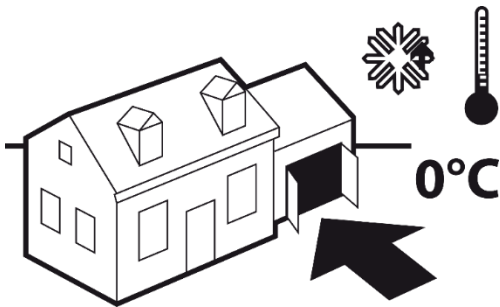
⚠ WARNING : Turn OFF the machine, allow all moving parts to come to a complete stop, and disconnect the power cord before maintaining the machine. You need to wear proper clothing and protective gloves whenever your hands are at risk.

- Keep all nuts, bolts and screws tight to be sure the machine is in a safe working condition.
- Replace worn or damaged parts for safety. Only use manufacturer-recommended parts and accessories.
- To keep your machine in good working condition, you can use spray lubricating oil along the blade, on the top of the blade, and the bottom of the blade.

Storage

⚠ Keep the machine stored in a dry, level area away from damp, moisture and rain fall. Allow the machine to cool down before storing.

- Make sure the machine is clean and dry before storing.
- Put the blade cover on the blade when in storage.
- Ensure the machine is stored in a position, where any persons cannot step on, to attempt to reach items up high, due to risk of movement.
- DO NOT store the machine near an ignition source, such as a wood stove, gas or electric heater, or an appliance or heater with a pilot light.
- Store the machine out of reach of children or anyone who is not familiar with operation.
- DO NOT stack other items on top of the machine when in storage.
- Make sure the machine is stored away from direct sunlight. Store indoors or in a safe, frost-free area during severe weather and winter months.



Cleaning

⚠ Always remove the electric plug from the mains supply before any cleaning is undertaken.

- Remove any grass and mud after each use to prevent it from drying. Use a clean cloth to remove dirt, grease, etc.
- DO NOT use any water on any part of the main machine.
- Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use.
- Always ensure that ventilation openings are kept clear of debris.

POWER SPARES



No Hassle Returns



Same Day Dispatch*



Over 10,000 Spare Parts



QR Code – Scan the QR code for a direct link to our website

Our Website : power-spares.co.uk

Call us : 01646 404406

Email us : sales@power-spares.co.uk

To maintain your machine in peak operating condition, proper maintenance and care are crucial. Some machines have consumable parts that will need replacement to ensure they continue operating at their full potential. Power-Spares provide manufacturer parts for all your machines, ensuring they remain in peak condition.

About Power Spares

Power-Spares has your back if you damage your lawn mower blade, find your spark plugs not sparking, or snap your recoil. Power-Spares operates under the trading name of Genpower Limited.

As part of the Genpower family, Power-Spares offers you the expertise, efficiency, and quality assurance of a large organisation. We leverage the latest warehousing, distribution, customer service, and inventory management technology to ensure you receive your parts as quickly as possible.

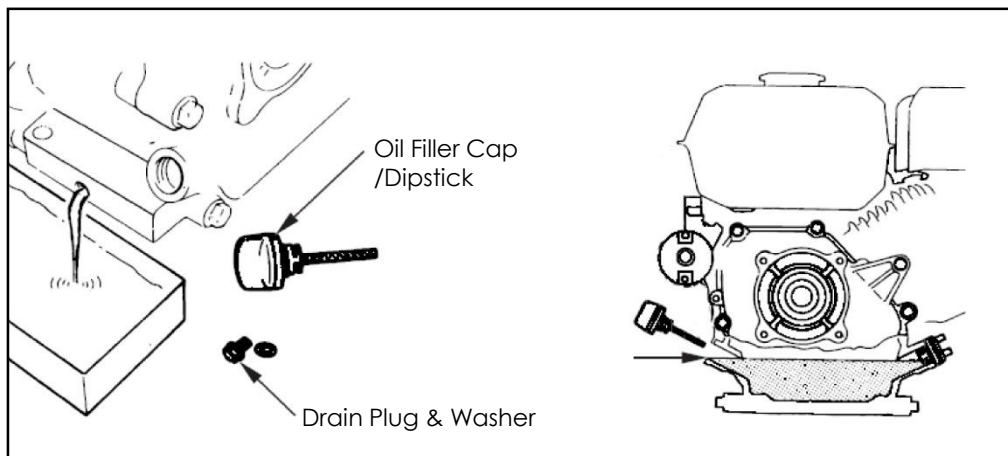
With extensive stock-holding of spare parts in our UK warehouses, Power-Spares is ready to assist you promptly when your machine needs repair. We're Committed to help you get back up and running as quickly as possible.

Maintenance & Care

Oil Servicing

When changing a machines oil, run the machine for a few minutes. Warm oil will always drain faster and more through compared to oil that's cold.

- Place a suitable container below the engine to catch the used oil.
- Remove the oil filler cap/dipstick, oil drain plug and washer.
- Allow the used oil to drain completely
- Reinstall the oil drain plug and new washer, and tighten the oil drain plug securely. Please dispose of used motor oil in a manner that is compatible with the environment. We suggest you take used oil in a sealed container to your local recycling centre or service station for reclamation. Do not throw it in the General Waste, pour it on the ground, or down a drain.
- 3. With the engine in a level position, fill to the upper limit mark (bottom edge of the oil fill hole) on the dipstick with the recommended oil.



Oil Grade

Use 4-stroke motor oil that meets or exceeds the requirements for API service classification SJ, SL, or equivalent. Always check the API service label on the oil container to be sure it includes the letters SJ, SL, or equivalent. SAE 15W-40 is recommended for general use.

Other viscosities shown in the chart may be used when the average temperature in your area is within the indicated range.

Recommended Engine Oil Type									
		10W-30							
	5W-30					10W-40			
	5W-30 Synthetic								
°F	-20	0	20	40	60	80	100	120	
°C	-28.9	-17.8	-6.7	4.4	15.6	26.7	37.8	48.9	
Ambient temperature									

Maintenance & Care

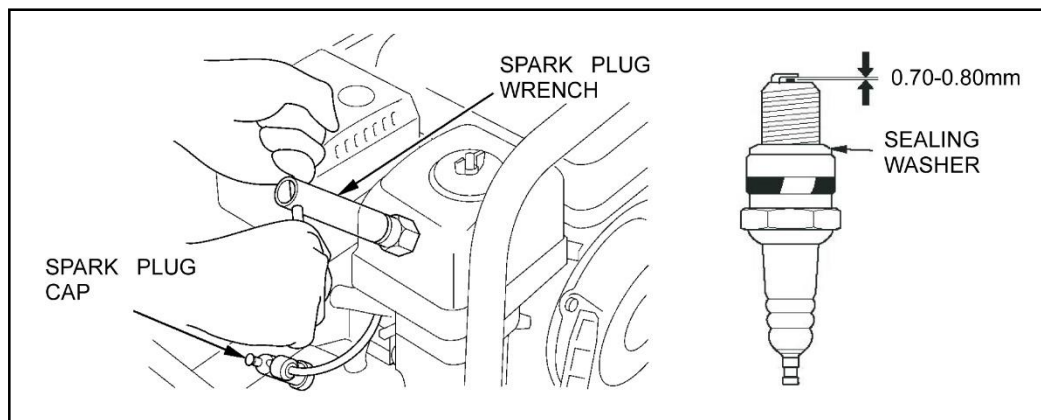
Spark Plug

Recommended Spark Plugs – NGK:BPR7ES/Champion:RN7YC

This variation of spark plug is recommended for normal engine running conditions and temperatures.

Incorrect specifications of sparkplug can cause damage to your machine. Ensure any sparkplug is correctly gapped and free of any deposits

- Firstly remove the Spark plug cap. This is a push/pull fit.
- Using a suitable spark plug wrench, loosen the spark plug and remove it.
- Inspect the sparkplug. Replace if your inspection finds:
 1. Visible Damage
 2. Badly fouled with Oil/Carbon
 3. Washer health is compromised
- Using a feeler gauge, check the gap of the spark electrode. The gap should be with these tolerances
0.7-0.8 mm (0.026-0.031 inch).
- Reinstall the sparkplug, firstly winding it by hand, this is to avoid cross threading.
- After properly seated, fully tighten using spark plug wrench.
- When the washer has started to compress tighten to the following instruction:
 1. New Sparkplug – a 1/2 Turn tight
 2. Re-used Spark Plug – a 1/8 to 1/4 Turn tight



Maintenance & Care

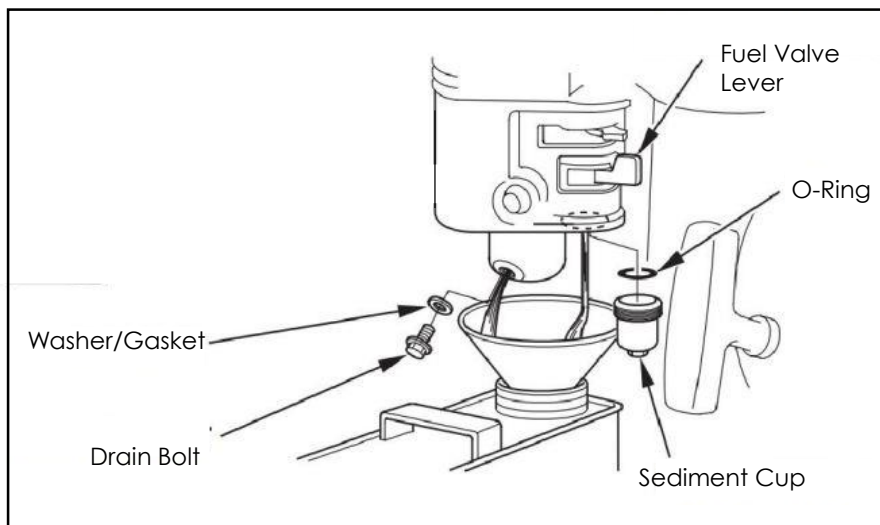
Sediment Filter & Draining Fuel

Sediment Filter

- Move the fuel valve to the OFF position, then remove the fuel sediment cup by twisting off. Also remove the O-ring.
- Wash the sediment cup and O-ring in non-flammable solvent, and dry them thoroughly.
- Place the O-ring in the fuel valve, and install the sediment cup. Tighten the sediment cup securely.
- Move the fuel valve to the ON position, and check for leaks. Replace the O-ring if there is any leakage.

Draining Fuel

- Place an approved gasoline container below the carburettor, and use a funnel to avoid spilling fuel.
- Remove the carburettor drain bolt and sediment cup, and then move the fuel valve lever to the ON position.
- After all the fuel has drained into the container, reinstall the drain bolt and sediment cup. Tighten them securely.



Preventing Seizing

- When storing machine for longer than a period of 8 weeks, the following procedure should be followed:
- Remove and Replace engine oil. Remove Spark plug and pour 15ml of fresh engine oil through the sparkplug hole.
- Pull the starter grip several times to distribute the oil around the cylinder walls.
- Reinstall the Sparkplug. Pull the starter cord until resistance is felt. This ensures the valves are closed preventing moisture build up.
- Return the recoil grip gently.

Maintenance & Care

Troubleshooting

⚠ NOTE : All corrective actions should be carried out by suitably qualified person/s.

Engine Will not Start	Possible Cause	Correction
1. Check Control Positions	Fuel Valve OFF	Move fuel valve lever to ON position.
	Choke open	Move choke lever to CLOSED position unless engine is warm.
	Ignition Switch Off	Turn ignition switch to ON.
2. Check Fuel	Out of Fuel	Refuel
	Bad fuel; pump stored without treating or draining gasoline, or refueled with bad gasoline	Drain fuel tank and carburettor. Refuel with fresh gasoline
3. Remove and inspect spark plug.	Spark plug faulty, fouled, or improperly gapped.	Gap or replace spark plug
	Spark plug wet with fuel (flooded engine).	Dry and reinstall spark plug. Start engine with throttle lever in FAST position.
4. Take engine to an authorized servicing dealer, or refer to shop manual.	Fuel filter clogged, carburettor malfunction, ignition malfunction, valves stuck, etc.	Replace or repair faulty components as necessary.

Engine Lacks Power	Possible Cause	Correction
1. Check air filter.	Air filter clogged.	Clean or replace filter.
2. Check fuel.	Bad fuel; pump stored without treating or draining gasoline, or refuel with bad gasoline.	Drain fuel tank and carburettor. Refuel with fresh gasoline
3. Take engine to an authorized servicing dealer, or Refer to shop manual.	Fuel filter clogged, carburettor malfunction, ignition malfunction, valves stuck, etc.	Replace or repair faulty components as necessary.

Maintenance & Care

Troubleshooting

⚠ NOTE : All corrective actions should be carried out by suitably qualified person/s.

Symptoms	Possible Causes	Corrections
Water pressure is weak	<ol style="list-style-type: none"> 1. Water supply is restricted. 2. Water not turned on to full power 3. Not using high pressure nozzle 	<ol style="list-style-type: none"> 1. Inspect garden hose for kinks or leaks. Make sure you are using a large enough garden hose (min. $\frac{3}{4}$ inch diameter) 2. Open water source all the way. 3. Change nozzle
Pump fails to produce pressure or pressure is inconsistent	<ol style="list-style-type: none"> 1. Water supply is restricted 2. Water not turned on full power 3. Nozzle is clogged 4. Spray gun leaks 5. Air in line 6. Inlet hose screen is clogged 7. Water supply is over 100°F 8. Pump is faulty 	<ol style="list-style-type: none"> 1. Inspect garden hose for kinks or leaks. Make sure you are using a large enough garden hose (Min. $\frac{3}{4}$ inch diameter) 2. Open water source all the way. 3. Clean nozzle 4. Check spray gun connection or replace spray gun 5. Squeeze trigger handle to remove air 6. Clean inlet 7. Use cool water supply Contact service centre

Maintenance & Care

Maintenance Schedule

Schedule for Regular Maintenance		Per Use	Every 20 hours or in the first month of initial use	Every 50 hours or every 3 months	Every 100 hours or every 6 months	Every 300 hours or every year
Engine Oil	Inspect the Oil Level	•				
	Replace		•		•	
Air Filter	Inspect	•				
	Clean			• (1)		
Fuel Strainer Bowl	Clean				•	
Spark Plug	Clean				•	Repla ce
Valve Clearance	Readjust					•
Cylinder Head	Clean	Every 300 Hours (2)				
Fuel Tank and Strainer	Clean	Every 2 Years (2)				

Technical Data

Specification

Model	HYW3400P
Fuel Type	Petrol
Engine Displacement (cc)	209
Rated Power Continuous (hp/kW)	5/3.7
Rated Power Maximum (hp/kW)	5.8/4.3
Fuel Tank Capacity (L)	3.3
Engine Oil Capacity (L)	0.5
Maximum Pump Flow Rate (L/m)	9
Maximum Pump Head Pressure (psi)	3400 (+/- 10%)
Operating Pressure (psi)	2800

Recycling & Disposal

Recycling & Disposal

We do not offer a takeback scheme for the recovery of Waste Electrical Electronic Equipment (WEEE) & Batteries. Instead the responsibility to dispose of WEEE and/or Batteries is passed onto you by us.

So when it becomes necessary to dispose of your machine you must take it to your local Civic Amenity Site. For further information please contact your local Authority for disposal advice.

You **MUST** make sure that all unused oil and fuel is disposed of correctly either beforehand or at your local Civic Amenity Site.

- Under NO circumstances must any fuel or oil be put down any drains.
- Certain products contain WEEE waste which should not be disposed of in your domestic waste.
- You **MUST** recycle WEEE in accordance with your local authority or recycling centre.
- Certain products contain batteries which should not be disposed of in your domestic waste.
- You **MUST** recycle batteries in accordance with your local authority or recycling centre.
- Unwanted packaging and materials should be stored and taken to a recycling centre so it can be disposed of in a manner which is compatible with the environment.

We are a Member of the VALPAK National Compliance Scheme and our registration number is RM08660. For further information about disposal please contact your Local Authority.

You can also get more advice and guidance about recycling at the following website <http://www.recycle-more.co.uk>

Should you pass this product on to another user either sold or loaned, you **MUST** pass on this user manual. This will make sure that all other users can use and maintain this machine safely.

Environmental Protection

1. Environmental protection should be a priority of considerable importance when using the machine, for the benefit of both social coexistence and the environment in which we live. Try not to cause any disturbance to the surrounding area.
2. You must comply with local regulations and provisions for the disposal of packaging, oils, fuel, filters, damaged parts or any elements which have a strong impact on the environment. This waste must not be disposed of as normal waste. It needs to be separated and taken to specified waste disposal centres where the material will be recycled.
3. You must comply with local regulations for the disposal of waste materials after mowing.
4. When disposing, do not pollute the environment with the machine, but hand it over to a disposal centre, in accordance with the local laws in force.

EU Declaration Of Conformity

Importer and Authorised Representative

Genpower Ltd
Isaac Way, Pembroke Dock, SA72 4RW

Country of Origin: China

Description: Petrol Pressure Washer

SKU Code: HYW3400P

Date of Issue: 01/01/2024

Regulations and Directives of Compliance

- 2006/42/EC The Machine Directive
- 2014/30/EU EMC Directive
- 2000/14/EC Noise Emissions
- 2011/65/EU RoHS

Statement of Declaration

We the importer and authorised representative of the product described confirm conformity within the provisions of applicable regulations and directives listed within this document.

Signed on Behalf of Genpower Ltd

Place of Issue: Genpower Ltd

Signatory Name: Roland Llewellyn

Position: Managing Director

R J Llewellyn
.....



Useful Information

Check Out Our YouTube Channel

Our videos on YouTube include:

- Unboxing
- Assembly of your machine
- How to service your machine
- Products in use
- 'How To' videos
- Product features

Go to YouTube and search '**Hyundai Power Products**'.

Warranty

Proof of purchase will be required before you make a warranty claim. Full warranty terms and conditions can be found on the HYUNDAI POWER PRODUCTS website:

www.hyundaipowerproducts.co.uk

Manual Updates

Our manuals are constantly being reviewed and updated. Should you find an error, omission or something unclear, please contact us for assistance. We reserve the right to make any modifications without prior notice whenever necessary.

Our latest manuals are also placed online. All our manuals can be downloaded at:

www.hyundaipowerproducts.co.uk

Returning Your Product

If you are returning your product, please contact the dealer for their returns policy.

Leaving A Review

We work very hard to give all of our customers the best possible service. If you have any problems, before leaving negative feedback, please contact us to give us a chance to resolve the issue. We would be delighted if you left us positive feedback! To leave a review, please go to:

uk.trustpilot.com/review/hyundaipowerequipment.co.uk

Ordering Spare Parts

You can find the spare part you are looking for at **power-spares.co.uk**

Product Record

Information

As soon as you have purchased the machine, we recommend that you fill out the following. If you need to contact an authorised dealer or customer service for information on servicing, you may need to provide the following information.

Date Of Purchase:.....

Dealer Name:.....

Dealer Phone:.....

Model Number:.....

Serial/Batch Number:.....

Contact Us

Need Help? Talk To Our Experts

Our friendly aftersales team will be more than happy to help you.



Phone

Call our team on 01646 687 880



Email

aftersales@hyundaipowerproducts.co.uk



Online Live Chat

Go to www.hyundaipowerproducts.co.uk



Post

Genpower Ltd, Isaac Way, Pembroke Dock, Pembrokeshire, SA72 4RW.



Hyundai Support Website

Go to hyundaisupport.co.uk

Notes

Notes

HYUNDAI

POWER PRODUCTS



GENUINE PRODUCT OF
HYUNDAI CORPORATION

For Inquiries, Please Contact:
GENPOWER LTD
Isaac Way, London Road,
Pembroke Dock, UK, SA72 4RW.
T: +44 (0) 1646 687 880
E: info@hyundaipowerproducts.co.uk
www.hyundaipowerproducts.co.uk