

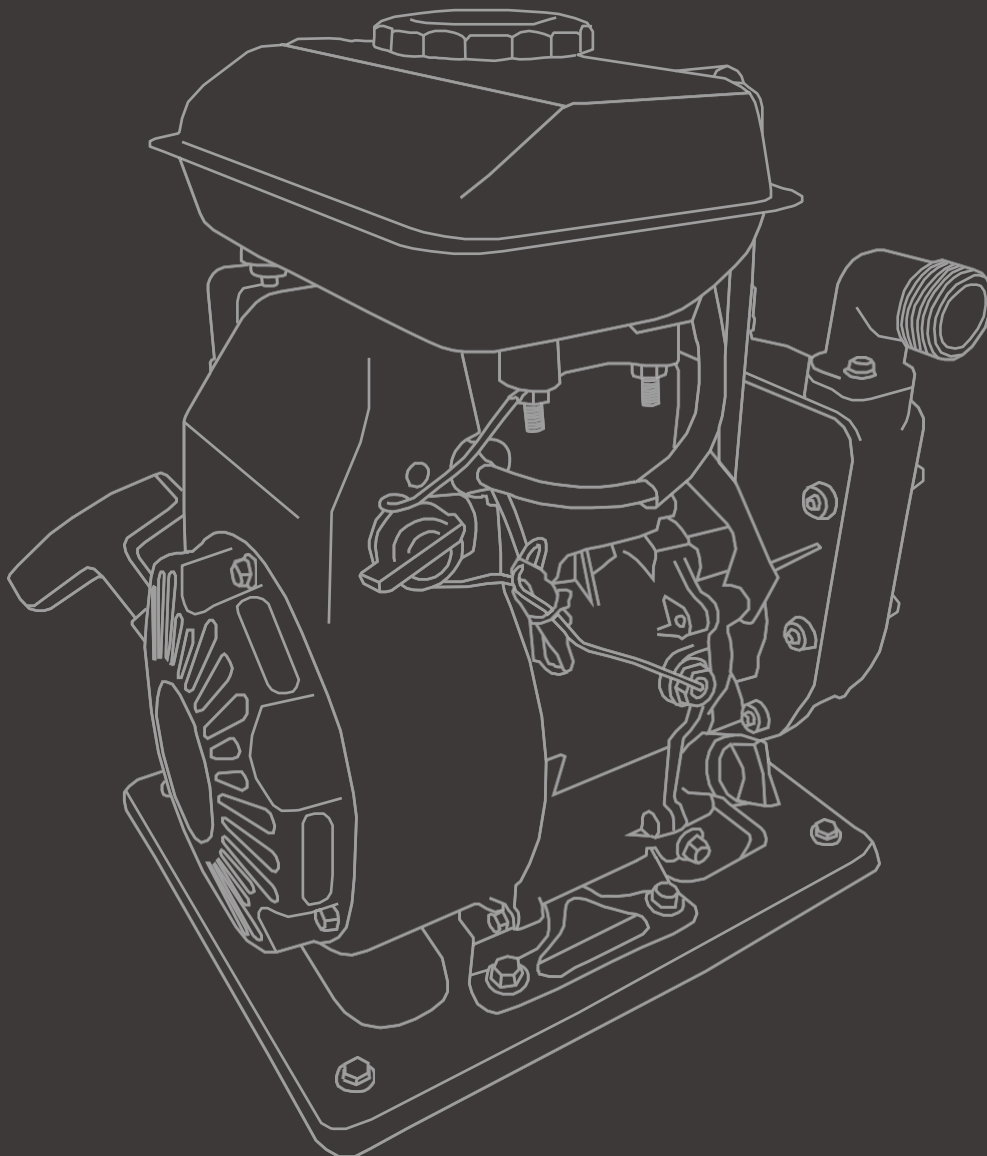
HYUNDAI
POWER PRODUCTS

PETROL WATER PUMP

HY25-4

HY40-4

User Manual



INDEX

	CONTENTS	PAGE NO.S
1	SAFETY	3 - 9
2	PART LOCATIONS	10
3	ASSEMBLY	10
4	STARTING PROCEDURE	12
5	STOPPING PROCEDURE	13
6	MAINTENANCE	14 - 17
7	STORAGE	18 - 19
8	TROUBLE SHOOTING	20 - 21
9	SPECIFICATION	21
10	PART LISTINGS	22 - 25
11	DECLARATIONS OF CONFORMITY	26
12	CONTACT DETAILS	27

1. SAFETY

1.1 General Safety Notes.

- 1.2 The operator of the machine is responsible for, and has a duty of care in making sure that the machine is operated safely and in accordance with the instructions in this user manual. Keep the manual safe and pass it on if the machine is loaned or sold to another user.
- 1.3 Please note the following safety points.
- 1.4 The machine should never be left it in a condition which would allow an untrained or unauthorised person/s to operate this machine.
- 1.5 All due care and diligence should be taken by the operator for the safety of and with regard to those around whilst using the machine.
- 1.6 Some or all of the following - warning signs, symbols and/or PPE pictograms may appear throughout this manual. You **MUST** adhere to their warnings. Failure to do so may result in personal injury to yourself or those around you.



DANGER

Indicates a hazard, which, if not avoided, could result in serious injury or death.



WARNING

Indicates a hazard, which, if not avoided, could result in serious injury.



CAUTION

Indicates a hazard which, if not avoided, might result in minor or moderate injury.



NOTE

Indicates a situation that could easily result in equipment damage.

READ and keep the manual safe and pass it on if the machine is loaned or sold to another user. You **MUST** fully understand all instructions to ensure you use and operate the machine safely.

Appropriate Personal Protective Equipment (PPE), **MUST** be worn at all times when operating or repairing the machine.



HAND
PROTECTION
MUST BE WORN



EYE
PROTECTION
MUST BE WORN



PROTECTIVE
CLOTHING
MUST BE WORN



HEARING
PROTECTION
MUST BE WORN



FOOT
PROTECTION
MUST BE WORN



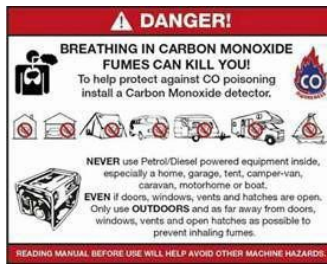
HEAD
PROTECTION
MUST BE WORN



RESPIRATOR
MUST BE WORN



FACE SHIELD
MUST BE WORN



1.10 Carbon Monoxide (where applicable).

- 1.11 Carbon monoxide is a colourless and odourless gas. Inhaling this gas can cause death as well as serious long term health problems such as brain damage.
- 1.12 The symptoms of carbon monoxide poisoning can include but are not limited to the following;
Headaches, dizziness, nausea, breathlessness, collapsing or loss of consciousness.
- 1.13 Carbon monoxide poisoning symptoms are similar to flue, food poisoning, viral infections and simply tiredness. It is quite common for people to mistake this very dangerous poisoning for something else.
- 1.14 To avoid carbon monoxide poisoning DO NOT use Petrol/Diesel powered equipment inside any of the following; Home, garage, tent, camper van, mobile home, caravan or boat. This is not exhaustive and if you are in any doubt contact your dealer.
- 1.15 If you think you have or someone around you has been affected by carbon monoxide poisoning;
- 1.16 Get them fresh air immediately, by leaving the affected area or by opening doors and windows. If safe and practical to do so make sure that the machine is turned off. DO NOT enter a room you suspect of having carbon monoxide present – instead call the emergency services.
- 1.17 Contact a Doctor immediately or go to Hospital – let them know that you suspect carbon monoxide poisoning.
- 1.18 DO NOT use in an enclosed area or moving vehicle.

1.20 General Fuel Safety (where applicable).



CAUTION

ALL FUELS ARE FLAMABLE

- 1.21 Fire Hazard – keep fuel away from all sources of ignition for example heaters. Lamps, sparks from grinding or welding.



- 1.22 DO NOT carry out hot work on tanks that have contained fuel.

- 1.23 ALWAYS keep the work area tidy.
- 1.24 ALWAYS clean up spills promptly using absorbent granules and a lidded bin.
- 1.25 ALWAYS dispose of waste fuels correctly.

1.30 **Fueling/De-fueling (where applicable).**



CAUTION

ALL FUELS ARE FLAMABLE


1.31 ALWAYS fuel and defuel in a well ventilated area outside of buildings.

1.32 ALWAYS wear correct, suitable and fit for purpose Personal Protective Equipment (PPE), suggested items are but not limited to safety gloves, overalls.



1.33 When fueling/de-fueling ALWAYS avoid inhaling fumes.

1.34 When de-fueling ALWAYS use a proper fuel retriever.

1.35  ALWAYS carry fuel in the correct and clearly marked container.

1.40 **Electrical Safety (where applicable).**

1.41 Electricity can kill – NEVER work on LIVE/ENERGISED equipment.

1.42 Prior to carrying out any maintenance work you MUST identify electrical isolation methods and isolate all electrical supplies.

1.43 Prior to use and with all electrical supplies isolated, you MUST check all electrical cables, plugs and connectors for the following;

1.44 Are intact and have no signs of damage, to include but not limited to bare wires, chaffing, cuts and loose wiring.

1.45 If there are any signs of damage, the damage item MUST be taken out of service until the damage has been repaired by an electrically competent person.

1.46 All trailing cables should be routed so as not to cause any kind of trip hazard.

1.47 NEVER work on or near electricity with wet hands, wet clothing and wet gloves.



1.50 Batteries (where present).

- 1.51** Batteries present a risk if they become damaged by the possible leaking of electrolyte. This electrolyte is an acid and can cause serious burn injuries. Care should be taken when working on or near them. NOTE the electrolyte may be in a liquid or gel form.
- 1.52** Should you come in to contact with electrolyte you should;
- 1.53** Remove all clothing contaminated with electrolyte. If you cannot remove then saturate them in water.
- 1.54** Get medical assistance as soon as possible. You must advise the medical staff of the type of acid.
- 1.55** Lead/acid battery = dilute sulphuric acid.
- 1.56** Nickel/cadmium = potassium hydroxide alkali electrolyte.
- 1.57** Use fresh running water to wash off excess electrolyte, continue this until medical assistance arrives. Make sure that you do not wash the electrolyte to another part of your body or face.
- 1.58** If electrolyte comes in to contact with Eyes the electrolyte needs to be immediately washed away with large amounts of water. Make sure that you do not wash the electrolyte to another part of your face or body.
- 1.59** Gasses from charging batteries are highly flammable and great care should be taken to charge in well ventilated areas.

1.59.1



There is an explosion risk if the battery terminals are short circuited, when connecting/disconnecting ALWAYS exercise great care so that the terminals or battery leads are NOT allowed to touch and cause a spark. ALWAYS use suitable insulated tools.

1.60 Vibrations (where applicable).

- 1.61** 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.
- 1.62** 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;
- 1.63** Wear gloves and keep your hands warm.
- 1.64** Take regular breaks.
- 1.65** 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.

1.70 Noise (where applicable).

1.71 The operating noise of the machine can damage your hearing. Wear hearing 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 hearing ear protection because your ability to hear alarm warnings will be reduced.

1.72 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.

1.73 See CERTIFICATE of CONFORMITY section for Outdoor Noise declaration of conformity.



MACHINE SPECIFIC SAFETY

1.80 General Machine Safety.

1.81 Read the owner's manual carefully to understand how to operate this machine properly.

1.82 The water pump will need priming with water BEFORE use.

1.83 Check the water pump over before use, if any problems are found you MUST make sure they are dealt with by the appropriate person before use.

1.84 Check around and underneath the water pump for signs of oil or fuel leaks.

1.85 Remove any dirt or debris, especially from the engine exhaust and recoil starter.

1.86 Look for any signs of damage.

1.87 Check that all nuts, bolts, screws, hose connectors and clamps are tightened.

1.88 Check the general condition of the hoses.

1.89 Before connecting the hoses to the water pump, make sure that they are in good condition.

1.90 Remember that the suction hose must be of a reinforced construction to prevent the hose from collapsing.

1.91 Check that the sealing washer in the suction hose is in good condition. If there are any leaks or a poor connection, the pump will draw in air and not function.

1.92 Check that the hose connectors and clamps are securely installed.

1.93 Check that the strainer is in good condition and is secured on the suction hose.



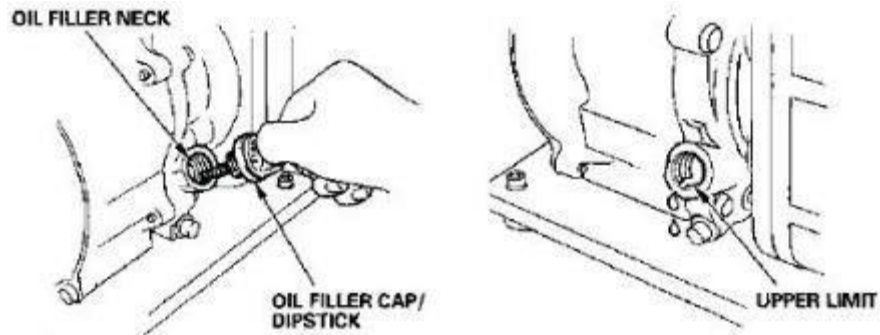
WARNING

Operating the water pump with a low oil level will damage the pump.



NOTE

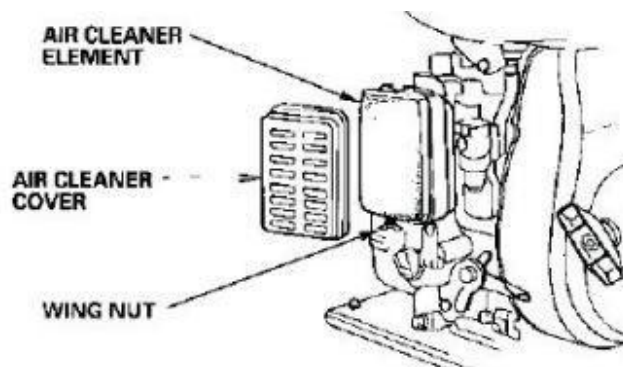
Before checking the oil, place the water pump on a flat, level surface.



! NOTE

Ensure that the assembly of the air filter is correct. Never run the water pump without the air filter or with a damaged air filter.

- 1.94 A dirty air filter will restrict air flow to the carburetor, reduce engine performance and thereby reduce the water pump performance. For this reason, it is important to check the air filter regularly.
- 1.95 Undo air filter cover Allen screw/wing nut (1) and remove cover.
- 1.96 Remove air filter cartridge (2).
- 1.97 Remove, inspect and clean foam element (3) all models. Clean by washing in warm soapy water, rinse with fresh water and allow to dry fully, soak it in clean engine oil until it has saturated and then squeeze out excess oil before refitting. Replace damaged aged foam filter elements.
- 1.98 Paper elements must be have all dust and dirt blown out using a low pressure air-line. Replace damaged paper filterelements.
- 1.99 Clean the lower body of the air filter, housing and rubber cushions. It is important to prevent dust from entering into the path of the oilcarburetor.



1.99.1 Fuel level check.



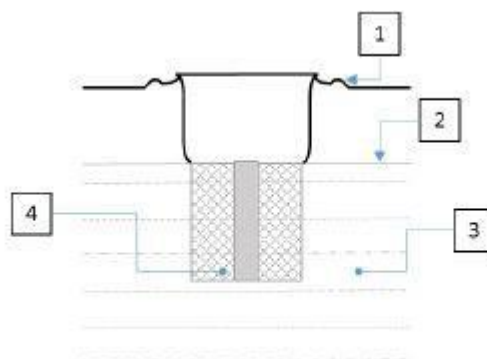
NOTE

Do not add fuel over the fuel strainer shoulder (maximum level (2)). Fuel can damage paint and plastic. Be careful not to spill fuel when filling your fuel tank.

1.99.2 Before each operation of the water pump, check the fuel level with the water pump placed on a level ground. Un-screw the fuel tank cap and check the fuel level. If the level is too low, add fuel, screw on the fuel tank cap and tighten it.

1.99.3 Only use straight, fresh unleaded petrol (3).

1.99.4 Never use stale or contaminated petrol or a mixture of oil and petrol. Avoid getting dirt or water in the fuel tank.



1. Fuel tank top. 2. Fuel upper limit. 3. Fuel. 4. Filter gauze.

1.99.5 Correct Personal Protective Equipment (PPE) MUST be worn at all times when operating or repairing this machine. This should include but is not limited to;



HAND PROTECTION MUST BE WORN



EYE PROTECTION MUST BE WORN



PROTECTIVE CLOTHING MUST BE WORN



HEARING PROTECTION MUST BE WORN



FOOT PROTECTION MUST BE WORN



HEAD PROTECTION MUST BE WORN

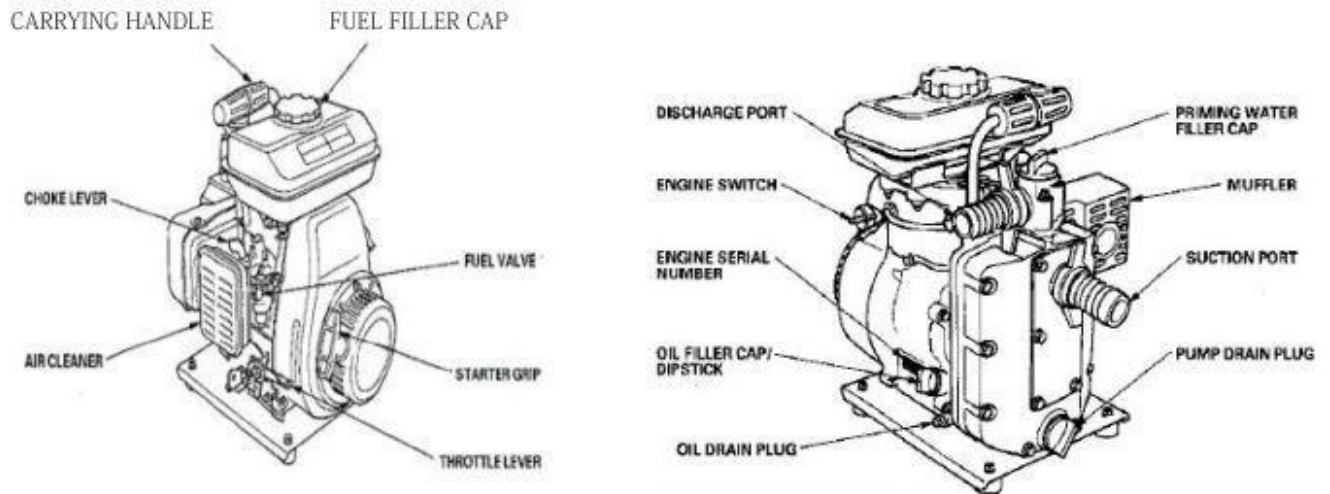


RESPIRATOR MUST BE WORN



FACE SHIELD MUST BE WORN

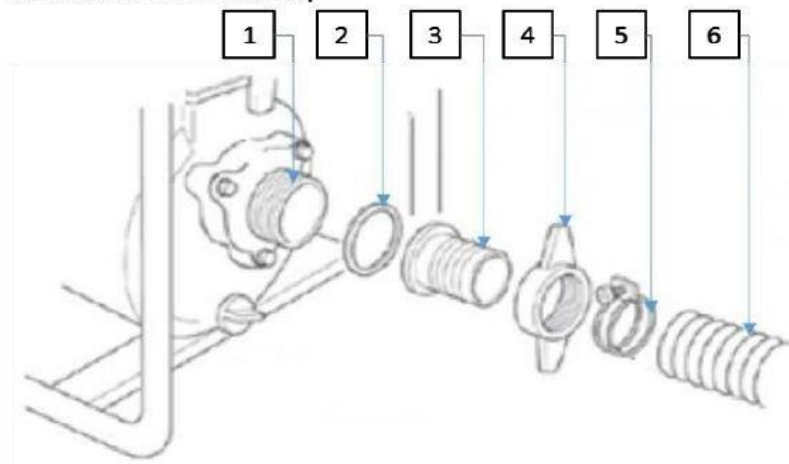
2. PART LOCATIONS



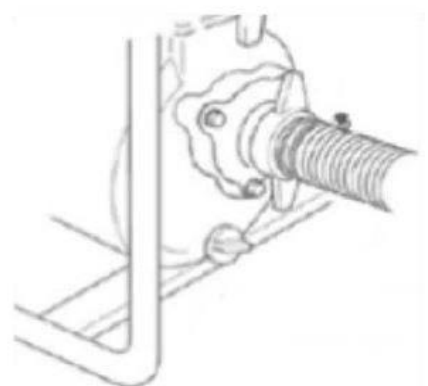
3. ASSEMBLY

- 2.0 Suction Hose
- 2.1 Place the sealing washer (2) over the suction port(1).
- 2.2 Offer the hose connector (3) to the sealing washer (2) then put the hose clamping ring (4) over the hose connector and tighten in a clockwise direction.
- 2.3 Take the hose clamp ring (5) over the end of the suction hose (6) then push the suction hose over the end of the connector. Once in place move the hose clamp into position and tighten screw in a clockwise direction until the hose is secured to prevent air entering the pump and to prevent water leakage.

Connection hose assembly



Connection hose assembled

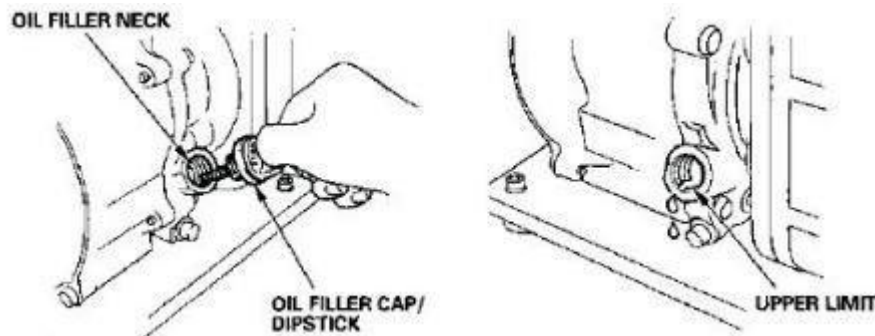


- 2.4 Attach the hose strainer to the other end of the suction hose and secure it with the hose clamp. The strainer will prevent the pump from becoming clogged or damaged by any debris.

NOTE

This machine is shipped dry of oil. Prior to starting the motor you must ensure the crank case is filled with a quality SAE 10W-30 4 stroke oil.

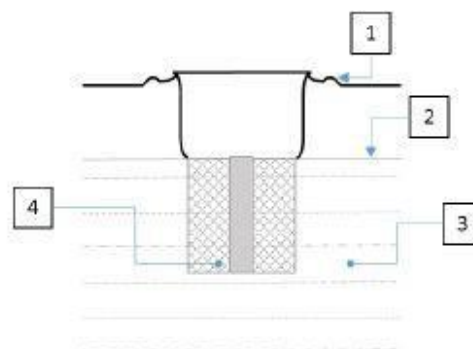
- 2.5 Remove the oil filler cap/dipstick.
- 2.6 Fill the crankcase to the upper level oil level with approx. 0.4l of SAE10W-30 4 stroke oil and replace the oil filler cap/dipstick.
- 2.7 Do not over fill.



CAUTION

All fuels are flammable. You **MUST** ensure you have read and understood the fuel safety guidelines in sections 1.20 and 1.30 before filling with fuel.

- 2.8 Fuelling
- 2.9 Place the water pump on flat levelground.
- 2.10 Remove the fuel filler cap.
- 2.11 Fill with clean, fresh unleaded petrol up to the fuel upper limit, do not overfill.
- 2.12 Be careful not to admit dust, dirt, water or any other foreign objects into the fuel.
- 2.13 Replace the fuel filler cap and secure tightly.



1. Fuel tank top. 2. Fuel upper limit. 3. Fuel. 4. Filter gauze

4. STARTING PROCEDURE

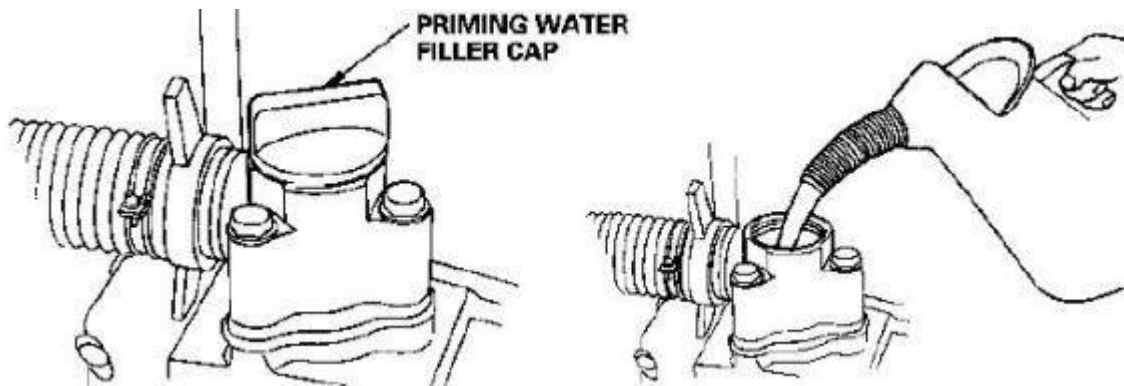


CAUTION

The self-priming pump chamber **MUST** be completely filled before operation. Failure to do this may result in seal failure and the pump not operating.

If the unit has been operated dry, stop the machine and allow to cool before adding priming water.

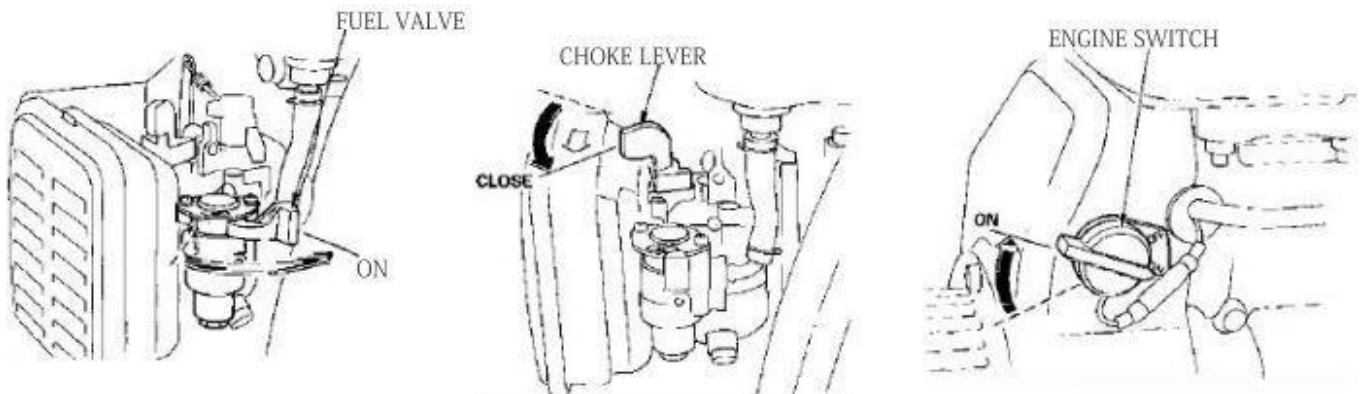
- 3.0 Remove the self-priming water filler cap and fill with water



- 3.1 Turn the fuel valve to the **ON** position.

- 3.2 Close the choke lever (not required if restarting from a warm

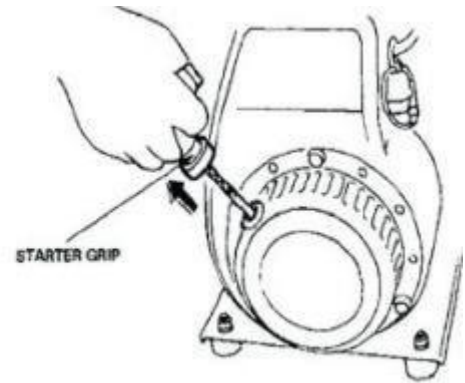
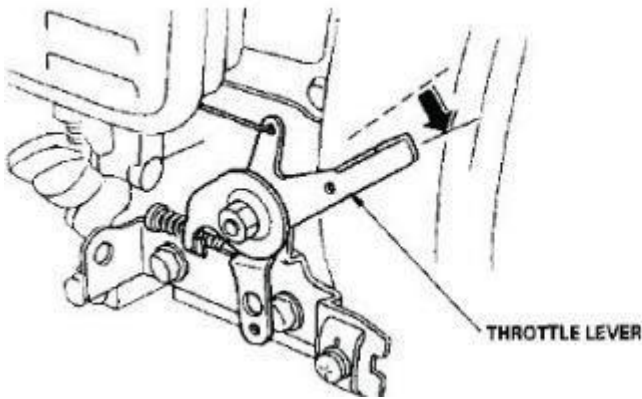
- 3.3 engine). Turn the engine switch to the **ON** position.



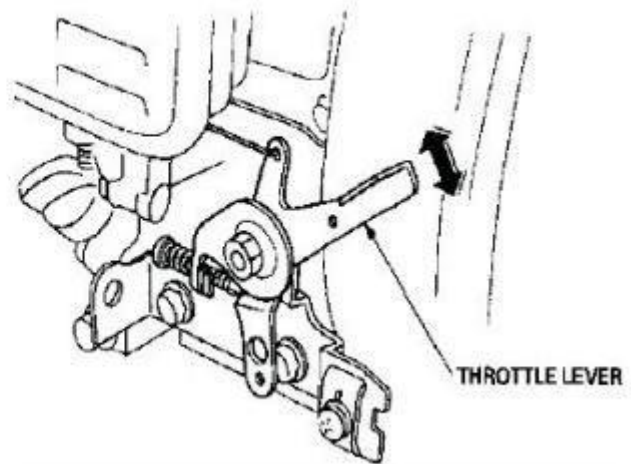
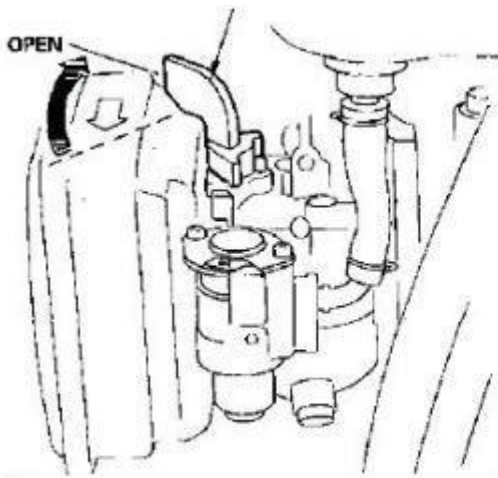
- 3.4 Move the throttle lever downwards to just past the idle position.
- 3.5 Pull the recoil starter grip lightly until resistance is felt, then pull swiftly until the engine fires.

! **NOTE**

Do not allow the recoil starter to snap back against the engine. Return it slowly to avoid and possible damage to the starter.



- 3.6 As the engine warms up, gradually open the choke until the engine runs smoothly.
- 3.7 Set the throttle to the desired running speed.



5. STOPPING PROCEDURE

! **NOTE**

In an emergency turn the engine switch to the **OFF** position.

- 3.7 Move the throttle lever all the way up.
- 3.8 Turn the engine switch to the **OFF** position.
- 3.9 Turn the fuel valve to the **OFF** position.

6. MAINTENANCE



WARNING

Shut off the engine before performing any maintenance.
 Always carry out maintenance in a clean and well ventilated area and follow all safety precautions when handling fuels or oil.
 Always wear the appropriate Personal Protective Equipment.



NOTE

Use only genuine parts or their equivalent for maintenance or repair.
 Substandard replacement parts may damage the pump.
 Service more frequently in dusty environments.
 This pump should be serviced by an authorised water pump dealer.

4.0 Maintenance Schedule

Regular Service Period Month or operating hour interval, Whichever comes first		Pre- operation check	First month or 20 Hrs	Every 3 months or 50 Hrs	Every 6 months or 100 Hrs	Every year or 300 Hrs
Engine Oil	Inspection	●				
	Change		●		●	
Air Cleaner Element	Inspection	●				
	Change			●		
Spark Plug Maintenance					●	
Tappet Clearance Adjustment						●
Combustion Chamber Cleaning						●
Fuel Tank Cleaning						●
Fuel Line		Every 2 Years (replace if necessary)				
Impeller Inspection						●
Casing Cover Inspection						●
Inlet valve Inspection						●

4.1 Changing Oil

NOTE

Drain the engine oil while the engine is still warm to assist with rapid and complete draining.

Oil capacity 0.4l.

4.2 Remove the oil filler cap/dipstick.

4.3 Place a suitable container beneath the oil drain plug to catch waste oil.

4.4 Remove the oil drain plug and allow all the oil to drain.

4.5 Replace the oil drain plug.

4.6 Replace the engine oil with a good quality SAE 10W-30 4 stroke oil.



NOTE

Please dispose of used motor oil in a manner that is compatible with the environment.

We suggest taking it in a sealed container to your local recycling centre for reclamation.

Do **NOT** throw waste oil on to the ground or down drains.

4.7 Air Filter Service

NOTE

A dirty air filter will restrict air flow to the carburetor. To prevent carburetor malfunction, service the air cleaner regularly. Service more frequently when operating the pump in dusty areas.

WARNING

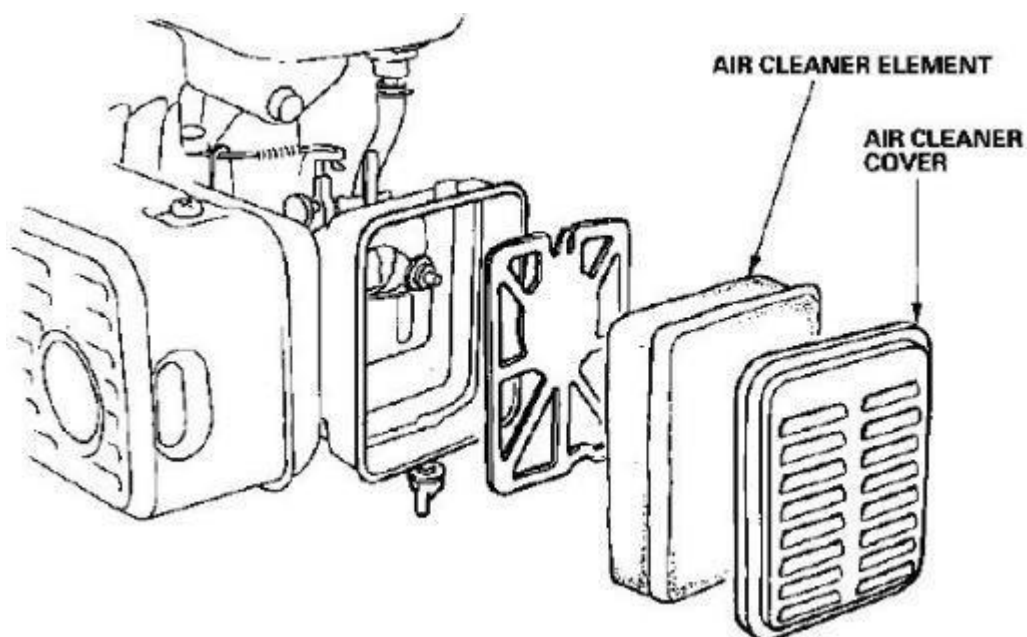
Never use petrol or low flash point solvents for cleaning the air filter element. This could result in a fire or explosion.



NOTE

Never run the engine without an air filter. Rapid engine wear will result from contaminants such as dust and dirt being drawn in to the engine.

- 4.8 Unscrew the wing nut and remove the air filtercover.
- 4.9 Remove the foam air filter element from thehousing.
- 4.10 Wash the element in a solution of household detergent and warm water or a non-flammable or high flashpoint solvent until clean, then rinse thoroughly and allow to dry.
- 4.11 Soak the air filter element in clean engine oil and squeeze out any excess. NOTE the engine will smoke on start-up if too much oil is left on the element.
- 4.12 Reinstall the air filter and air filtercover.



4.13 Spark Plug Service



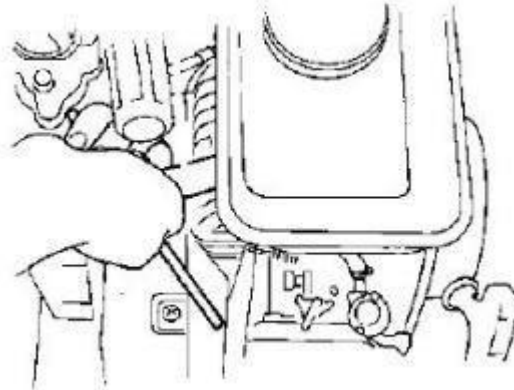
WARNING

The exhaust becomes very hot during operation and remains hot for a while after use. Allow the exhaust to cool before carrying out any maintenance.



NOTE

Recommended spark plug model number: **F7TC**.
An incorrect spark plug may cause engine damage.



- 4.14 Remove the spark plug HT wire.
- 4.15 Remove the spark plug with the spark plug wrench provided.
- 4.16 Visually inspect the spark plug and discard if chipped or cracked.
- 4.17 If the spark plug is to be reused then clean with a soft wire brush and reset the gap using a feeler gauge.
- 4.18 The plug gap should be 0.70 – 0.80mm (0.0280.031inches)
- 4.19 Check the spark plug washer is in good condition.
- 4.20 Thread the spark plug back in to the engine by hand taking care to prevent cross threading.
- 4.21 Once the spark plug has been installed as tight as you can by hand and is seated correctly, tighten with a spark plug wrench to compress the washer.
New Plug: ½ a turn
Re-Used Plug: ⅛ – ½ a turn

7. STORAGE

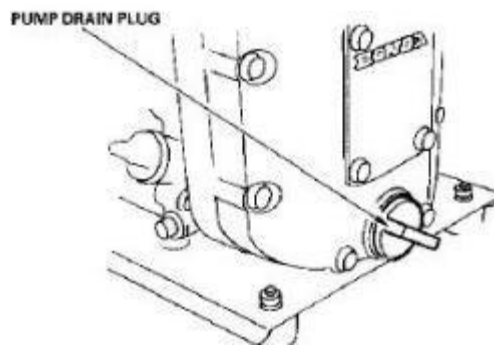
WARNING

The exhaust becomes very hot during operation and remains hot for a while after use. Allow the exhaust to cool before transporting or storing the water pump.

WARNING

If transporting the water pump, turn the engine switch and fuel valve to OFF. Keep the water pump level to prevent fuel spillage. Fuel vapour or spilled fuel may ignite.

- 5.0 Be sure the storage area is clean and free of excessive humidity and dust.
- 5.1 **Clean the water pump interior.**
- 5.2 Sediment will settle in the pump especially if used in water containing debris, sand or mud.
- 5.3 Pump clean water through the pump before shutting down or the impeller may be damaged when restarting.
- 5.4 After flushing, remove the pump drain plug and drain as much water as possible from the pump housing.
- 5.5 After the pump has been drained and is dry, spray a multi-purpose rust inhibitor in through the inlet port, outlet port and drain hole, then reinstall the drainplug.
- 5.6 Always store securely in an upright position.



- 5.7 **Draining the fuel system.**

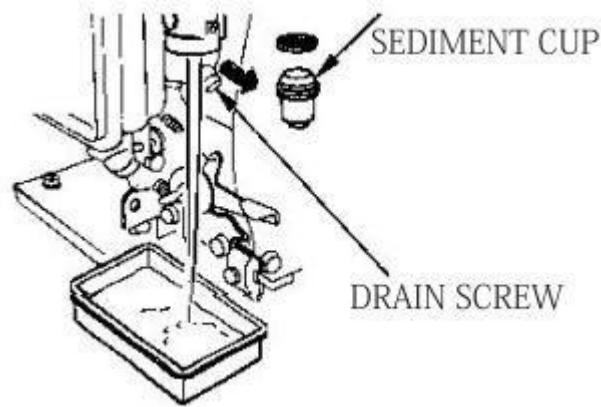
WARNING

All fuels are flammable and the proper precautions and procedures must be followed when handling fuels as they are a source of fire or explosion. Fuel must always be stored in the proper containers.

WARNING

When working with fuels you must always work in a well ventilated areas and avoid breathing petrol fumes.

- 5.8 With the fuel valve **OFF**, remove the carburetor drainscrew.
- 5.9 Drain the fuel from the carburetor into a suitable container.
- 5.10 If the fuel in the fuel tank is to be drained, turn the fuel valve **ON** and drain the fuel from the fuel tank in to a suitable container.
- 5.11 Replace the drain screw and turn the fuel valve to the **OFF** position.



Stoppage Time	Recommended service procedure to prevent hard starting
Less than 1 month	No preparation required
1 to 2 months	Fill with fresh fuel and add a fuel conditioner
2 months to 1 year	Fill with fresh fuel and add a fuel conditioner Drain the carburetor float bowl
1 year or longer	Drain the fuel tank Drain the carburetor float bowl After removal from storage, drain stored fuel into a suitable container Fill with fresh fuel
Use fuel conditioners that are formulated to extend storage life.	

- 5.12 Remove the spark plug and pour a tablespoon of clean engine oil into the cylinder bore. Crank the engine a few revolutions to distribute the oil then reinstall the spark plug.
- 5.13 Slowly pull the recoil starter handle until resistance is felt. At this point the piston is coming up on its compression stroke and both intake and exhaust valves are closed. Storing the engine in this position will help to protect it from internal corrosion.
- 5.14 Change the engine oil.
- 5.15 Check the air filter and clean as necessary.
- 5.16 Cover the water pump with a sheet to keep out dust.

8. TROUBLE SHOOTING



WARNING

Before cleaning, inspecting or repairing your unit, you **MUST** make sure that the engine has stopped and allowed to cool.

You **MUST** disconnect the spark plug lead to prevent any accidental starting.

6.0 Engine

Engine will not start	Cause	Corrective measure
Check controls	Fuel valve OFF	Move fuel lever to ON position
	Choke OPEN	Move the choke lever to the CLOSED position unless the engine is warm
	Engine switch OFF	Turn the engine switch ON
Check fuel	Out of fuel	Refuel
	Bad fuel, pump has been stored without treating or draining fuel or refuelling with bad fuel	Drain the fuel tank and carburetor and refuel with fresh fuel
Remove and inspect the spark plug	Faulty spark plug or improperly gapped	Replace with new spark plug or adjust the spark plug gap
	Spark plug wet with fuel, flooded engine	Dry the spark plug and reinstall. Start engine with throttle lever in FAST
Contact dealer	Fuel filter clogged, carburetor malfunction, ignition malfunction, valves stuck etc.	Return to dealer for repair

6.1 Water Pump

No output from pump	Cause	Corrective measure
Check pump chamber	Pump not primed	Prime pump
Check suction hose	Hose collapsed, cut or punctured	Replace hose
	Strainer not completely underwater	Sink strainer and end of suction hose completely underwater
	Air leak at connector	Replace sealing washer if damaged or missing. Tighten hose connector and clamp
	Strainer clogged	Clear debris from strainer
Measure suction and discharge head	Excessive head	Relocate pump and hose to reduce head
Check engine	Engine lacks power	See engine trouble shooting above

6.2

Low pump outlet	Cause	Corrective action
Check suction hose	Hose collapsed, cut or punctured	Replace hose
	Strainer not completely underwater	Sink strainer and end of suction hose completely underwater
	Air leak at connector	Replace sealing washer if damaged or missing. Tighten hose connector and clamp
	Strainer clogged	Clear debris from strainer
Check discharge hose	Hose damaged, too long or diameter too small	Replace discharge hose
Measure suction and discharge head	Excessive head	Relocate pump and hose to reduce head
Check engine	Engine lacks power	See engine trouble shooting above

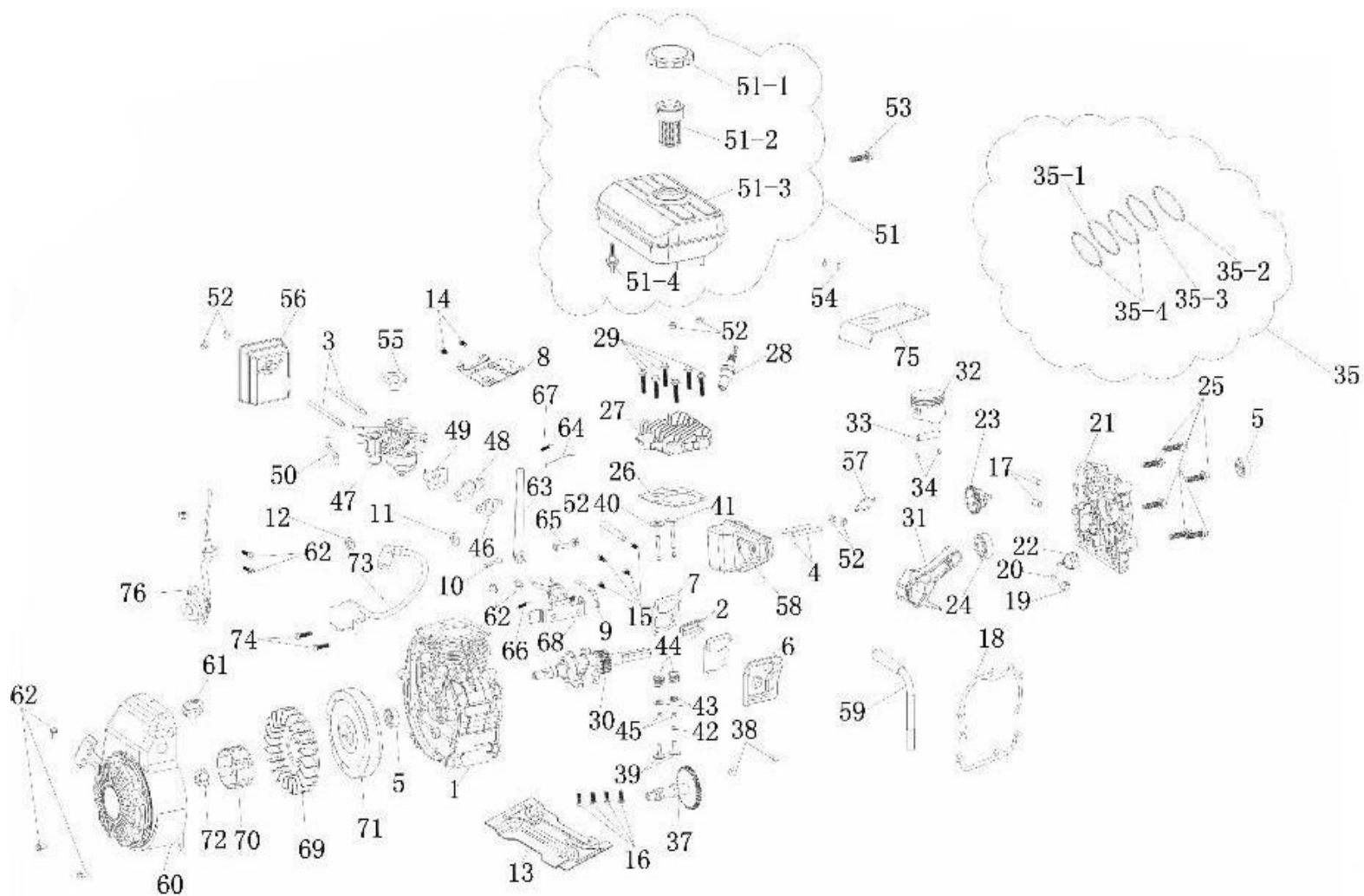
9. SPECIFICATION

6.3

Model	HY25-4	HY40-4
Engine type	152F	152F
Engine size - cc	99	99
Fuel type	Unleaded petrol	Unleaded petrol
Oil capacity - l	0.4	0.4
Noise Level – dB	78	78
Idle speed - rpm	3600	3600
Max power @ 3600 rpm - kW	1.1	1.1
Start method	Recoil	Recoil
Intake diameter – mm/”	25mm / 1	40mm / 1.5
Outlet diameter – mm/”	25mm / 1	40mm / 1.5
Max flow rate – l/min	85	170
Max run time	2	2
Impeller type	Cast iron	Cast iron
Total lift – m	10	10
Suction lift – m	4	4
Maximum solids – mm		
Nett weight - kg	12	12
Dimensions – mm	380 x 310 x 390	380 x 310 x 390

10. PARTS LISTING

ENGINE PARTS LIST



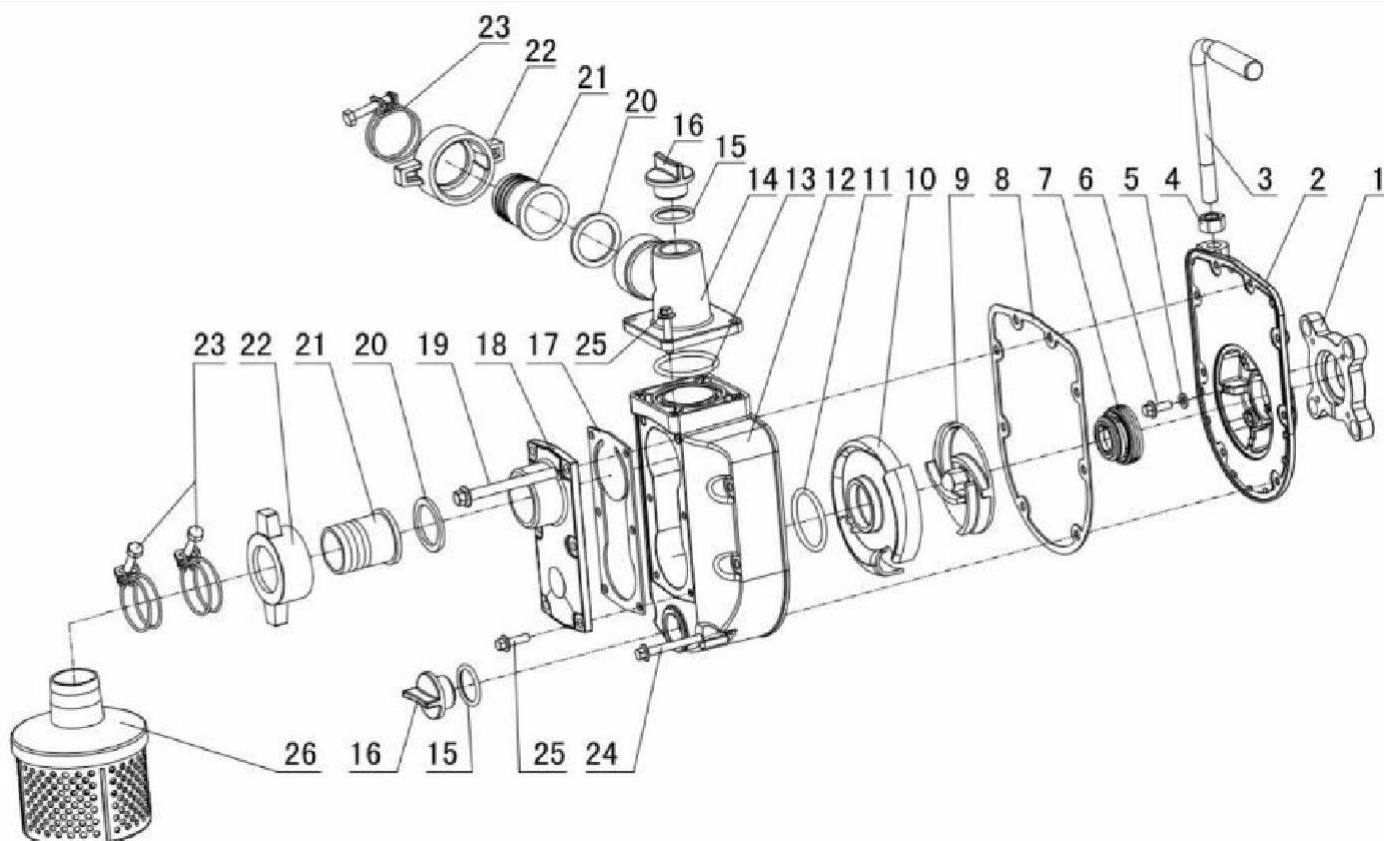
Engine parts list

No.	part name	Specifications Model	Unit	qty
1	Crankcase combination	154F	Pieces	1
2	Valve compartment diaphragm assembly	154F	Pieces	1
3	Inlet (double head) bolts	M5×118	Pieces	2
4	Exhaust (double head) bolts	M6×52	Pieces	2
5	Crankshaft oil seal and lid oil seal	(17×30×6)	Pieces	2
6	Oil filter cover	154F	One	1
7	Gasket	154F	Pieces	1
8	Under the windshield	154F	Pieces	1
9	Speed swing pole	154F	set	1
10	Speed swing pendulum lock clip	154F	Pieces	1
11	Adjustable swing bar oil seal	154F	Pieces	1
12	Speed swing pendulum gasket	Φ6×Φ13×0.5	One	1
13	Floor	154F	Pieces	1

14	Lower windshield bolts	bolt M6×14	Pieces	2
15	Oil filter cover bolts M5 × 10	GB5789-86	set	4
16	Bottom plate bolts M8 × 18	GB5789-86	Pieces	4
17	Locating pins	φ8×14	Pieces	2
18	Crankcase gasket	154F	set	1
19	Oil drain bolts	M10×15×1.25	Pieces	1
20	Put the rubber stopper washer	Φ10×15×2	Pieces	1
21	Crankcase cover	154F	Pieces	1
22	Oil-oil-meter components	154F	Pieces	1
23	Speed driven gear assembly	154F	Pieces	1
24	Bearing 6203	GB276-94	Pieces	1
25	Lid bolts	GB5789-86/M6×29	Pieces	6
26	Cylinder head gasket	154F	Pieces	1
27	Cylinder head	154F	Pieces	1
28	Spark plug	152F	Pieces	1
29	Cylinder head bolts	M6×35	Pieces	6
30	Crankshaft combination	154F	Pieces	1
31	Combination of connecting rods	154F	Pieces	1
32	piston	154F	Pieces	1
33	Piston pin	154F	Pieces	1
34	Piston pin ring	154F	Pieces	2
35	Piston ring group	154F	Pieces	1
35-1	Oil ring		Pieces	1
35-2	A ring		Pieces	1
35-3	Second ring		Pieces	1
35-4	Scraping ring		Pieces	2
37	Cam	152F (Semi-nylon)	Pieces	1
38	Camshaft gasket	154F	One	2
39	Tappet	154F	Pieces	2
40	Intake valve	154F	Pieces	1
41	Exhaust valve	154F	Pieces	1
42	Oil cover	154F	Pieces	1
43	Valve spring seat	154F	Pieces	2
44	Valve spring	154F	Pieces	2
45	Valve cap	154F	Pieces	2
46	Air intake gasket	154F	Pieces	1
47	Carburetor assembly	154F	Pieces	1
48	Carburetor block	154F	Pieces	1
49	Carburetor gaskets	154F	Pieces	1
50	Fuel tank cover combination	154F	Pieces	1
51	Tank combination	154F	Pieces	1
51-1	Fuel tank cap		Pieces	1
51-2	Filter		Pieces	1
51-3	tank		Pieces	1
51-4	Nozzle tip (pump)		Pieces	1
52	With a plate nut	23 M6	Pieces	7

53	bolt	M6X25	Pieces	1
54	Tubing clip	Φ5	One	2
55	Air filter gasket	154F	Pieces	1
56	Air filter assembly	154F	Pieces	1
57	Exhaust gasket	154F	Pieces	1
58	silencer	154F	Pieces	1
59	Handle	154F	Pieces	1
60	Starter assembly	154F	One	1
61	Ignition Switch		Pieces	1
62	Starter bolt	M6×14/GB/T5787-1986	Pieces	5
63	Speed control arm		One	1
64	Speed control rod		One	1
65	Adjustable arm fastening bolts	M6×21 (T type)	Pieces	1
66	Reset the tension spring	154F	Pieces	1
67	Fine speed spring	154F	Pieces	1
68	Speed frame parts	154F	Pieces	1
69	Flywheel fan	154F	Pieces	1
70	Start cup	154F	Pieces	1
71	Flywheel assembly	154F	Pieces	1
72	Flywheel nut	M12×1.25	Pieces	1
73	Ignition coils	154F	Pieces	1
74	Bolt M6 × 27	M6×27	Pieces	1
75	Bail guard	154F	Pieces	1
76	Oil alarm	154F	Pieces	1

PUMP PARTS LIST



Item	Part Name	Quantity
1	Connecting flange	1
2	Water pump cover	1
3	Handle	1
4	Nut	1
5	Plain Washer	4
6	Bolt	4
7	Mechanical seal	1
8	Pump sealing ring	1
9	Impeller	1
10	Diffuser	1
11	O-ring	1
12	Pump body	1
13	O-ring	1
14	Outlet flange	1
15	O-ring	2
16	Whorl plug	2
17	Check valve	1
18	Inlet flange	1
19	Bolt	2
20	Sealing washer	2
21	Pipe	2
22	Spanner	2
23	Clamp	3
24	Bolt	6
25	Bolt	4
26	Filter cover	1

11. DECLARATION OF CONFORMITY

- 7.0 Genpower Ltd confirms that the Hyundai water pump conforms to the following CE directives:
- 2006/42/EC Machinery directive
 - 2004/108/EC EMC directive
 - 73/23/EC The low voltage directive
 - 97/68/EC NRMM emissions directive
- 7.1 2000/14/EC Noise emissions directive

12. CONTACT DETAILS

Postal address;	Genpower Limited, Isaac Way, Pembroke Dock, Pembrokeshire, SA72 4RW. UK.
Telephone contact number;	Office; +44 (0) 1646 687880
Email contact;	service@genpower.co.uk
Website;	www.hyundaipowerequipment.co.uk

13. WARRANTY

To register your product for the manufacturer's warranty, please visit:

<https://hyundaipowerequipment.co.uk/warranty>

HYUNDAI

POWER PRODUCTS

For Inquiries, Please Contact:

GENPOWER LTD

Isaac Way, London Road

Pembroke Dock, UNITED KINGDOM, SA72 4RW

T: +44 (0) 1646 687 880 F: +44 (0) 1646 686 198

E: info@hyundaipowerequipment.co.uk

www.hyundaipowerequipment.co.uk