

Introduction

Thank you for choosing a Hyundai Power Product, I trust it will provide you with many years of reliable service.

I hope for your safety that you will take the time to study this manual and familiarise yourself with the machine before putting it to use.

Please pay particular attention to the advice regarding its safe operation and careful maintenance.

Finally, in line with our carbon neutral programme, we have planted a tree as a result of your purchase.

The Genpower Team.

Index

ntroduction	1
earn How To Operate Your Machine Safely	2
Personal Protective Equipment	
Prior to starting	3
Starting	
Operating in blower mode	3
Operating in vacuum mode	4
Health and Wellbeing	5
Unboxing your machine	
Risk Assessment	6
Components	7
ingine and Power Head controls	8
Assembly for use as a collector and shredder	
Material collector flow diagram (pre-assembly)	. 10
Assembly for use as a blower	
Blower flow diagram (pre-assembly)	
he Engine	. 17
Starting the engine	. 17
Running out of fuel	. 18
Stopping the engine	. 18
Adjusting the engine idle speed	
Cleaning the air filter	. 18
Checking the spark plug	
Replacing the fuel filter	. 19
Replacing the fan and shredder	
Storage	. 20
Maintenance and care	
Specification	
roubleshooting a non-starting engine	. 22
Parts list	
Contact Details	
C Declaration of Conformity	. 28
lotes	. 29

Learn How To Operate Your Machine Safely

The Hyundai HYBV 2600X machine is designed to clear dry leaves and light debris from gardens, paths, sports areas and hard-standings. It is not designed to collect stones or twigs.

The machine can be operated in two different ways:

- To collect by suction and shred material into a bag ready for composting or disposal
- To move material by blowing Because the machine can be used in two different ways it has to be assembled to either collect and shred or to blow prior to use.

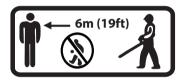
The motor is an internal combustion two stroke design. As it does not have an oil sump to lubricate the moving parts, it can only be operated with a pre-mixed petrol and two-stroke oil fuel.

Personal Protective Equipment (PPE)

The machine must not be operated unless the user is wearing well fitted, tough clothing, sturdy footwear with gripped soles and gloves.



It is essential to wear head, eye and ear protection to defend against flying debris and engine noise.



The operator must make certain that there are no humans, animals, fragile items such as glass or vehicles within the safe working vicinity.



When assembled in blower mode, the machine will sweep by expelling air at high velocity, therefore do not operate in the vicinity (at

least 6 metres) of anything that is likely to be injured or damaged.



When the fan door is open the shredding blades will be exposed and will cause serious injury if touched.



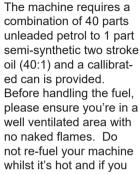
The machine's exhaust fumes contain carbon monoxide, hydrocarbons, nitrogen oxides and lead and are deadly poisonous. Therefore, it must

only be operated out of doors in well ventilated areas and if the operator thinks they've inhaled fumes because they feel dizzy, nauseous or confused they must stop the machine, breathe fresh air and seek immediate medical attention.



Please also note that the engine and particularly the exhaust pipe are hot during use and remain so after the engine has been stopped.





spill fuel clean the area immediately. If fuel gets onto your clothing change right away and always wash your skin if it has also been in contact with the fuel. Petrol



containers expand if they're in a warm environment. Never leave them in direct sunlight. Remove the container's cap slowly to allow fumes to escape and any

pressure to reduce which should prevent the fuel from bursting out. When you've fuelled the machine, make sure the tank's cap is fitted correctly and tightened firmly to prevent it from undoing during operation.

Prior to starting.

Under no circumstances should the motor be started if the machine has not been fully assembled for use and safety checked.



To carry out a safety check, please open the air intake cover and don't operate the machine if you find any cracks or damage to the fan blades or if the shredder blades are loose. Using the

tools supplied with the machine, make sure all fixings are firm, that the throttle is operating smoothly and that there are no fuel leaks.



Open the spark plug cover by lifting it (see picture) and press the rubber cap to make sure it's firmly connected to the plug's terminal. Finally, check that the blower or suction pipes

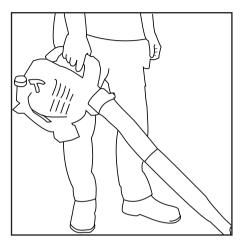
are unobstructed and secure and if you're operating the machine in the vacuum/ shredder mode make sure the zip is closed on the collecting bag.

Starting

Make sure the area you're going to work in is safe. Wearing the necessary protective equipment, place the machine on the ground, hold it firmly with one hand and pull the starter cord with the other (please see starting instructions). Please note that if the machine is in blower mode, it will scatter objects near to the end of the tube immediately.

Operating in blower mode

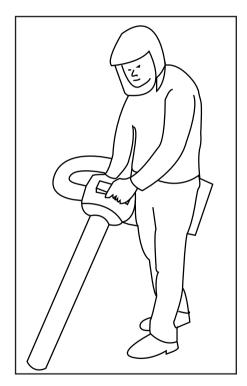
The machine is designed to be operated with one hand in this mode. The operator can either control the power with their finger or by using the friction throttle which will maintain a constant engine speed. The machine should be moved from left to right in a gradual sweeping movement whilst the operator advances. Each task may vary and it is usual to develop a method accordingly, for instance blowing leaves into small piles to gather later, is often quicker and more efficient than trying to create one huge mound. Whilst you're working it is vital to remain aware of your surroundings to help to prevent accidents.



Operating in vacuum mode

In the vacuum mode, the machine is collecting, shredding and depositing material in the zipped bag. The operator must support the bag by using the adjustable shoulder strap and empty it regularly via the zipped aperture to prevent blockages. In this mode, the machine is designed for two handed operation and the movement for the collection process is generally slower than when blowing. If you notice that the machine's efficiency has reduced

or that the engine note has changed the airways may have bocome blocked. Please stop the machine immediately by switching the red button on the upper handle to off and empty the collector bag. Whilst it is open, see if the curved pipe which connects it to the powerhead is blocked and if it is, clear it by pulling the material out with a gloved hand. If it isn't blocked, remove the collector tubes and inspect them and the fan/shredder area behind the air intake cover. It is essential that all the airways are unobstructed for the machine to operate correctly and it may be necessary to dismantle the tubes to gain full access to ensure this. Wet material is the normal cause of blockages so try and operate the machine in reasonable dry conditions.



Remember to keep a watchful eye on the collector bag and empty it as soon as it's full.

Health and Wellbeing

It is very important that you make certain that you don't collect items which could harm you or damage the machine, especially hot or abrasive things. You should also take particular care not to spread material that could cause injury or damage. As you become used to working with the machine, your technique and confidence will improve and so will your efficency.

Consider loosening matter such as leaves that are stuck to a surface with a stiff broom or rake before you attempt to move them. The blower may create a lot of dust in certain conditions which can be reduced by lightly dampening the surface to be worked on first or by delaying the operation to another time.

If you're working in hot conditions make sure you drink sufficient fluids. Regular breaks will help to prevent problems that may be caused by vibrations. Use the friction throttle to prevent your finger from being in a fixed position for long periods of time. Also, continually, adjust your grip and keep it firm but not tight.

Keeping your machine clean and in good working order will help to ensure your safety whilst you're using it so please refer to the maintainence guide in this manual.

Unboxing your machine



You're nearly ready to unbox your machine. Take special care if you're using a blade. Remove the components and familiarise yourself with

each one by referring to the components page in this book. Please pay particular attention to the fixing bolts as they vary in design.

However, before you go ahead, please read the next section and carry out a thorough risk assessment.

Risk Assessment

Now that you've read about some of the correct procedures you should follow, before you learn how to assemble the machine we would like you to carry out a risk assessment.

Prior to carrying out any procedure e.g. assembling the machine, fuelling or starting and using it, you will benefit from conducting a risk assessment. To compile the assessment you should consider the hazards associated with your planned actions and rate the risk of their possible occurence. A hazard is anything that can cause harm and a risk is the likelihood, high or low, that someone will be harmed by the hazard. Make a list of all the hazards associated with your planned actions and using the table below rate them. Your objective is to prevent injury by developing control measures as part of your operating procedures. Ideally, you should try to remove every hazard so that there is no risk of it occurring. Please think about the environment you'll be working in before you commence each job and include the hazards in your assessment, consider the ground you'll be clearing and whether it may be slippery, the obstacles you may encounter and the dangers associated with transporting your machine and the fuel.

Here is an example to help you:

A hazard could be the potential for a person or animal to be hit by flying debris blown by the machine whilst being operated in blower mode. The risk of harm could be very high. A control measure would be to ensure that there is no living presence within a certain distance of the machine during operation. This could be accomplished by signage or cordening off the working area. The operator of the machine must, of course, wear full protective clothing

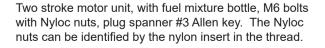
RISK RATING		R/	ATING ACTION BANDS		
Likelihood	Х	Severity of injury	=	Band	Control measures
Unlikely - 1		Slight - 1		1 - Low risk	Review
Likely - 2		Serious - 2		4 - Medium risk	Improve
Highly likely - 3		Major - 3		9 - High risk	Don't carry out procedure

Components



Collector components, including zipped bag with shoulder strap, vacuum tubes and M5 connecting nuts and bolts. The nuts have a machined shoulder or integral washer.

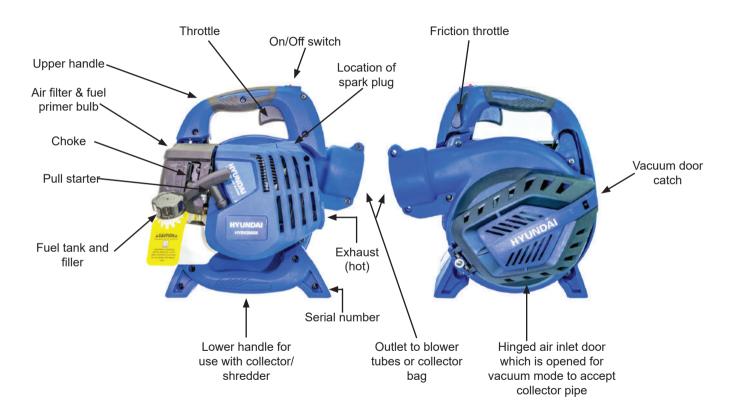






Blower tubes, double ended screwdriver and connecting bolt.

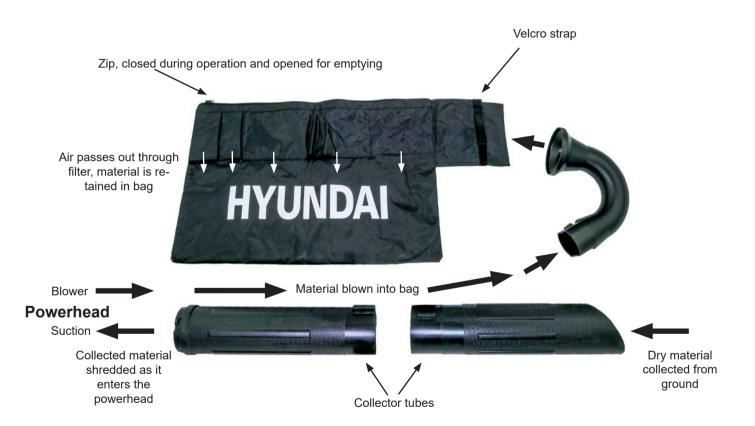
Engine and Power Head controls



Assembly for use as a collector and shredder

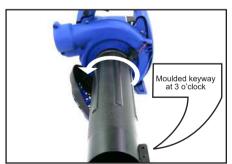


Material collector flow diagram (pre-assembly)





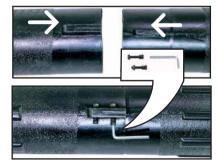
Insert flat blade end of screwdriver into square hole and push to release air intake cover catch and open door.



Collector tube correctly installed in power-head unit.



With the intake cover open you can see the blades that will shred the material as it passes through the power-head.



Align moulded key-ways, push tubes together, install M5 nuts and bolts (non-Ny-loc) and tighten gently using Allen key.



With the moulded keyway at joint with lower pipe at 3 o'clock, engage the collector tube and rotate it anti-clockwise to lock it in place



Insert widest end of tube into collector bag beyond the Velcro strap



Fasten Velcro strap to secure pipe.



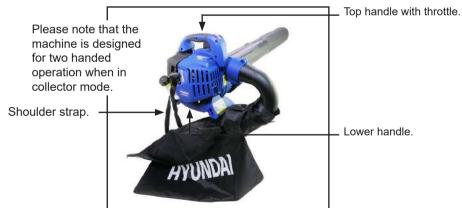
Assembled unit, please note collector pipe chamfer must face the ground.



Align moulded keyway with slot in powerhead and insert curved tube until the keyway disappears.



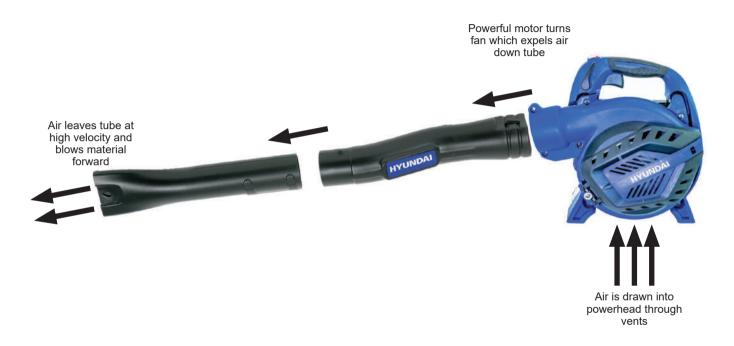
Insert the two Nyloc M6 nuts into the locations on one side of powerhead and the bolts into the other, tighten until they're just firm.



Assembly for use as a blower



Blower flow diagram (pre-assembly)





Prior to assembly please ensure that the air intake cover is locked closed.



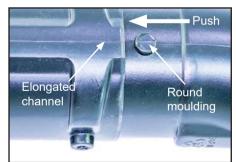
blue Hyundai logo and the keyway at one end which fits into the powerhead.



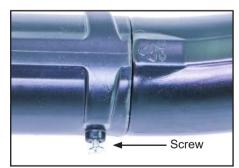
Align the keyway and push the blower tube into the powerhead.



Secure using the M6 Nyloc nuts and bolts. The nuts fit into a hexagonal moulding with the nylon on show.



Next, find the round moulding on the upper tube and push it into the elongated channel on the lower tube.



Once you've pushed the lower tube home, rotate it 90 degrees clockwise, it will lock and align the thread, ready for the screw.



Put a little grease on the screw and tighten it firmly.



The Engine.

Fuel and fuelling.

Your machine is fitted with a two-stroke combustion engine.



combustion engine.
Instead of a separate
oil tank to lubricate the
internal components a
semi-synthetic two-stroke
oil is mixed with unlead-

ed petrol. Petrol is highly flammable and must be stored in an approved container in a safe, cool place, out of direct sunlight. Petrol becomes stale over time so only store sufficient quantities for the work required. Once you've mixed the fuel you should use it within 30 days. The container supplied with your machine is marked to show you the correct petrol and oil quantities, the ratio is 40 parts petrol to 1 part oil (40:1). If you wish to mix larger quantities please refer to the table below.

Fuel (L)	Oil (mL)
5	125
10	250
15	375
20	500
25	625

Shake the fuel/oil mixture before use, every time, to ensure the oil is well distributed.



To minimise the risk of dirt entering the fuel supply, it's good practice to clean the area around the filler cap with a stiff brush prior to opening. Remove the cap slowly

in case the tank has become pressurised and fuel the machine in an upright position as shown, in a well ventilated area. Tighten the cap firmly and clean any spillage immediately.

Starting the engine.

Under no circumstances must the engine be started if the machine is not fully assembled for use.



In a safe environment and wearing the correct personal protective equipment (PPE) press the fuel primer bulb which is located beneath

the air filter with your finger until the air is expelled and neat fuel is being pumped

through the carburettor, you'll hear and feel the change from air to liquid.



If the engine is cold, put the choke lever to the START position (up) to richen the mixture by reducing the amount of air entering the engine. If the engine is warm



please leave the choke in the run position. Press the red ON/OFF switch to the ON (I) position.



With the machine on firm ground press down on the handle with your left hand and pull the recoiling starter handle slowly with your right hand until you feel

resistance (about 6cm) at which point pull the starter smartly upwards (about 60cm). If the engine fires or tries to run, set the choke to the RUN position (down) and repeat the procedure until the engine runs. N.B. Return the starter handle slowly to carefully allow the cord to recoil, do not release the handle until it's at its

resting position. Let the engine run for a few moments to reach its correct working temperature. Squeeze the throttle beneath the handle with your index finger to increase the engine's revs when you're ready to commence work.



Alternatively you may prefer to set the revs to a constant speed by adjusting the friction throttle adjacent to the ON/OFF switch.

Running out of fuel.

It's inevitable that the machine will run out of fuel from time to time. When this occurs simply re-fuel once the engine has cooled and repeat the starting procedure remembering to fill the carburettor with fuel by pressing the fuel primer bulb a few times.

Stopping the engine.

Release the throttle and allow the engine to idle. Press the red ON/OFF switch on top of the handle to the OFF (0) position and the machine will stop.

Adjusting the engine idle speed.



The idle speed of your engine is the speed that it rotates without you touching the throttle. If it's incorrect, you can make a simple adjustment using the

screwdriver in your tool kit. Make sure the engine's reached normal operating temperature (2-3 minutes). Locate the idle adjustment screw adjacent to the choke lever and rotate it clockwise, if your engine's stalling or anti-clockwise if it's running too fast.

Cleaning the air filter.

After every 10 hours of operation your machine will benefit from having the air filter cleaned. A dirty filter makes the engine less efficient and harder to start.



To access your air filter, unscrew the securing knob on the cover by turning it anti-clockwise. Slowly withdraw the cover taking care to avoid



the choke lever. The air filter is a soft sponge-like material which is held in position by supporting rods moulded into the housing.



Lift the filter out, wash it in warm soapy water until it's throughly cleaned and allow it to dry. Take care to re-install it so that the supporting rods are inside the central hole in

the filter which will ensure that it's correctly positioned.

Checking the spark plug.

The compressed air and fuel mixture in your engine is ignited by an electrical charge created by a spark plug. If your engine's performance has deteriorated you may like to check the spark plug.



To do so please make sure the engine isn't hot and raise the cover to the right of the upper handle using your index finger or the flat blade of a screwdriver and lift it off. You will now see the spark plug lead and insulated cap.



Hold the cap with your thumb and index finger and carefully pull it away from the engine, you may find it helps to rotate the cap backwards and forwards a little as you pull.

The spark plug screws directly into the engine's cylinder head above the piston and it is vital that nothing enters this area so carefully clean away any dirt or debris. When you're certain the area is clean, put on a pair of gloves to protect your hands and engage the box spanner in your machine's tool kit with the spark plug.

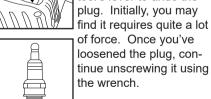
With the engine on a

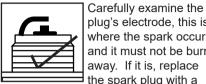
firm surface, press down

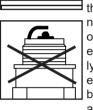
(anti-clockwise) on the

tool's lever to undo the









plug's electrode, this is where the spark occurs and it must not be burnt away. If it is, replace the spark plug with a new Champion RCJ6Y or equivalent. If your engine's running correctly, the area around the electrode should be a tan brown colour. If it's black and oily the fuel mixture

may be too rich or the air filter could be dirty. If the electrode looks intact, clean it thoroughly with a wire brush and then,



using a feeler gauge measure the gap and carefully re-set it to 0.6 mm - 0.7 mm if necessary. The spark plug should be replaced every 100 hours. Re-install

the plug into the engine's cylinder head using your index finger and thumb. You can rotate it anti-clockwise a little if the threads do not engage immediately and then try again. The plug should screw into the engine freely which proves the

threads are not crossed. After about four rotations the plug will be seated at which point you should tighten it, either firmly with the box spanner or a torque wrench set to 20Nm.

Replacing the fuel filter.

The fuel filter should be replaced annually or if no other reason can be found for a drop in the engine's performance.



To replace the fuel filter unscrew the fuel tank filler cap and holding the plastic retainer between your thumb and index finger, ease the retaining

piece through the filler neck and detach the assembly from the tank.



Next, take a length of fairly stiff wire, bend a hook in one end and feed it into the tank. Work the wire around the fuel line, not the breather tube and

coax it towards the opening. You will see the filter at the end of the fuel line. Lift it until you can access the ears of the spring clip which secures the filter to the pipe. Squeeze the clip with long-nosed pliers, pull the filter off and fit the replacement.



If you find that you need better access to the filter carefully remove the fuel pipe from the union at the bottom of the carburetor using a pair of

long-nosed pliers. Finally, push the filter back into the tank and refit the filler cap and its retainer.

Replacing the fan and shredder.

Check the shredder blades for sharpness and the fan blades for damage or cracks.



If necessary remove and replace them by firstly undoing the five screws securing the fan cover and carefully lifting it to gain access without dam-

aging the wires, you can disconnect them if you prefer.

Using a socket wrench, undo the retaining nut and lift off the shredder blades and or fan and install the replacements.



Torque the retaining nut to 20Nm. Relocate the cover and tighten the five screws. Finally, replace the engine's fuel filter and clean or replace the

spark plug.

Storage.

If you're machine is not going to be used for more than 90 days empty the fuel tank and run the engine until it stops so there is no residual fuel. Throughly clean the entire machine and lubricate the zip on the vacuum bag. Check and if necessary replace the spark plug, the fuel filter, the fan and the shredder. Place the machine and its components in a dry, safe location.

Maintenance and care.

In addition to the advice provided in this booklet, owners may also like to lubricate metal fixings and components to prevent corrosion. It is also important to appreciate that certain items, known as service items, will require replacement purely as a result of normal wear and tear.

Service items

- · Spark plug
- · Air filter
- Fuel filter
- Exhaust muffler
- · Recoil starter cord
- Shredder blades
- Blower fan
- Vacuum bag

Specification

Displacement	25.4cc
Fuel	Unleaded Petrol 2-Stroke Semi-Synthetic
Fuel / Oil Ratio	40:1
Carburettor	Membrane Type Primer Pump
Ignition	CDI (capacitor dischage)
Spark Plug	RCJ6Y
Starting Method	Recoil Pull Start
Fuel Tank Capacity	450ml
Rated Power	0.75kW@ 7500rpm
Air Speed	225km/h
Measured Sound Power Level	106.2dB(A)
Guaranteed Sound Power Level	113dB(A)
Weight	7kg

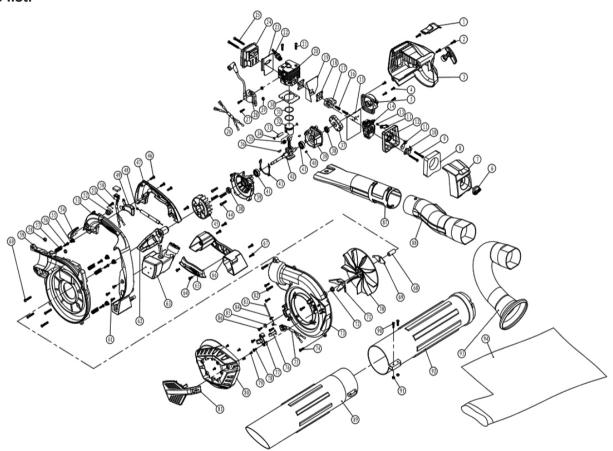
Troubleshooting a non-starting engine.

Problem		Possible Cause	Solution
	Spark plug	Electrode wet	Dry electrode
		Covered with carbon	Clean or replace spark plug
		Damaged insulation	Replace spark plug
		Spark gap incorrect	Adjust to 0.6 - 0.7mm
The spark plug does		Electrode burnt	Replace spark plug
not spark	Magneto	Damaged HT cable	Repair or replace
		Bad coil insulation	Replace coil
		Damage to wire coil	Replace coil
		The electronic firing unit is defe	Replace the defective unit
	Compression OK and fuel- ling well	Too much fuel in the cylinder	Drain excess fuel
		Water or dirt in the fuel, stale fu	lel Replace with fresh fuel
The spark plug is functioning correctly	Fuelling well but the compression is poor	Cylinder piston ring worn or dar aged	m- Replaced worn or damaged items
		The spark plug is loose	Tighten spark plug
	Carburettor not fueling	No fuel in the tank	Re-fill tank and prime carburettor
		Filter gauze clogged	Clean filter gauze or replace
		Tank air vent pipe blocked	Clean and un-block

Problem	Possible Cause	Solution
	Filter clogged	Clean filter
Compression is OK	Air is able to pass through the carburettor connection	Tighten fuel lines to prevent air from penetrating
	Engine is overheating	Stop the engine and let it cool down. When you restart it, avoid long periods of heavy load and high revs
	Water in the fuel	Drain, clean and replace fuel
	Excessive carbon in exhaust muffler	Clean exhaust muffler
Engine everbeeting	Fuel mixture too lean	Adjust the carburettor
Engine overheating	Cylinder covered with carbon	Clean the cylinder
	Fuel has gone stale or bad	Replace with clean, fresh fuel
Engine knocking or making a noise	Carbon in the cylinder	Clean the cylinder
d Holse	Some engine parts are worn or damaged	Replace worn engine parts
	Faulty plug or plug wire	Check or replace
Engine stone suddenly	Piston seized	Change the piston
Engine stops suddenly	Spark plug covered in carbon	Clean or replace the sparkplug
	Engine has run dry of fuel	Refill tank with fuel
	The air hole in the tank is clogged	Clean the air hole
Engine stops slowly	Water in the fuel	Drain and replace with fresh fuel
	Carburettor clogged	Clean the carburettor

Please note we recommend that certain faults listed in the tables should be rectified by a Hyundai Service Dealer.

Parts list.



Spare Part Name
spark plug cover
screw ST5*16
cylinder cover
screw M4*20
starter
knob
air filter cover
air filter sponge
screw M5*55
choke iron block
choke components
air filter holder
screw 3*8
carburettor
carburettor gasket
screw M5*25
inlet pipe 30mm
inlet pipe gasket
wind deflector pad
cylinder
screw M5*22
spark plug
muffler gasket
muffler

No.	Spare Part Name
25	screw M5*55
26	extinguishing line
27	screw M4*20
28	ignition
29	Bakelite gasket 4*10*4
30	cylinder gasket
31	piston ring
32	piston
33	piston pin 8*28.2
34	piston circlip 8
35	needle 8*11*11
36	Woodruff key 3*10
37	aluminium dial single start
38	oil seal 12*22*7
39	crank case
40	5*10 pin
41	opening bearing 6001
42	crankshaft
43	crank case gasket
44	screw M5*30
45	fly wheel
46	screw ST5*16
47	right handle

No.	Spare Part Name
48	throttle line
49	throttle trigger
50	extinguishing switch ship type welding wire with dust cover
51	screw ST5*14
52	self-locking switch bushing
53	left handle
54	self-locking switch
55	spring seat
56	screw ST5*16
57	shock absorber spring
58	screw M6
59	right hood
60	screw M5*30
61	screw M5*8
62	small base
63	oil tank
64	screw ST5*16
65	base handle cover
66	Base handle
67	screw ST5*16
68	9*14*32 Steel bushing
69	limit plate of base of wind wheel
70	blower wind wheel
71	blade

	Corana Dant Nama
	Spare Part Name
72	screw M8*1
73	left hood
74	screw ST5*16
75	micro switch parallel welding wire
76	protective switch
77	protective switch cover
78	screw ST5*14
79	screw ST4*8
80	protective cover
81	protective cover trim
82	screw M6*20
83	pin 3.5*48
84	torsion spring
85	gasket 5*16*1.5
86	screw ST5*14
87	flat pipe
88	main pipe
89	inclined suction pipe
90	screw M5*20
91	screw M5
92	suction pipe
93	dust collecting pipe
94	dust collecting bag

Contact Details

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UK

Telephone: +44 (0) 1646 687880 **FAX:** +44 (0) 1646 686198

Technical email: aftersales@hyundaipowerproducts.co.uk

Website: www.hyundaipowerproducts.co.uk

Manual updates and warranty.

Our manuals are constantly reviewed and updated and the latest version is posted on our website. Please contact your dealer if you'd like additional assistance. We do reserve the right to make modifications without prior notice.

Proof of purchase will be required when a warranty claim is being authorised.

Full warranty terms and conditions can be found at: www.hyundaipowerproducts.co.uk

EC Declaration of Conformity

Importer and Authorised Representative

Genpower Ltd.

Isaac Way, Pembroke Dock, SA72 4RW

Country of Origin: China

Description: Leaf Blower, Vacuum & Shredder

SKU Code: HYBV 2600X

Date of Issue: 22/07/2021

Regulations and Directives of Compliance

2006/42/EC The Machine Directive

2014/30/EU EMC Directive

2011/65/EU RoHS

2000/14/EC Noise Emissions

Statement of Declaration

We, the importer and authorised representative of the product described above, 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 Llewellin

Position: Managing Director





Notes.



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