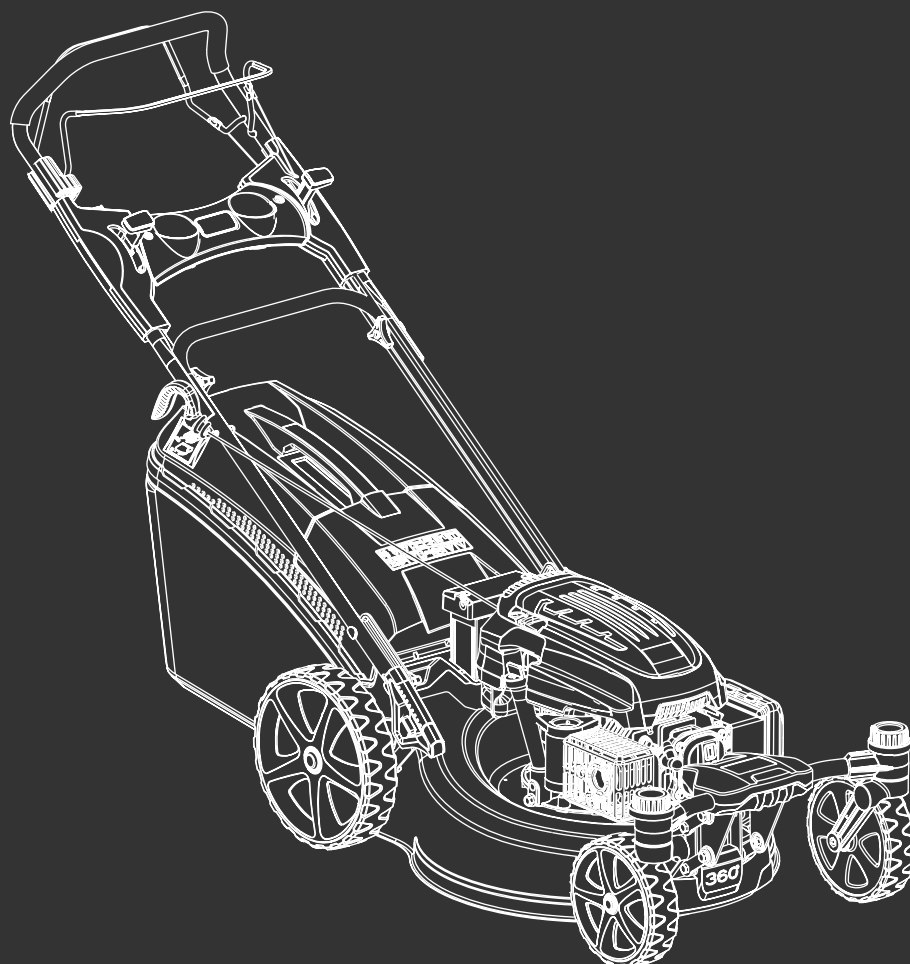


HYUNDAI
POWER PRODUCTS



PETROL LAWNMOWER HYM510SPEZ

Instruction Manual



HYUNDAI

POWER PRODUCTS

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.**

Rated Excellent on Trustpilot

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.

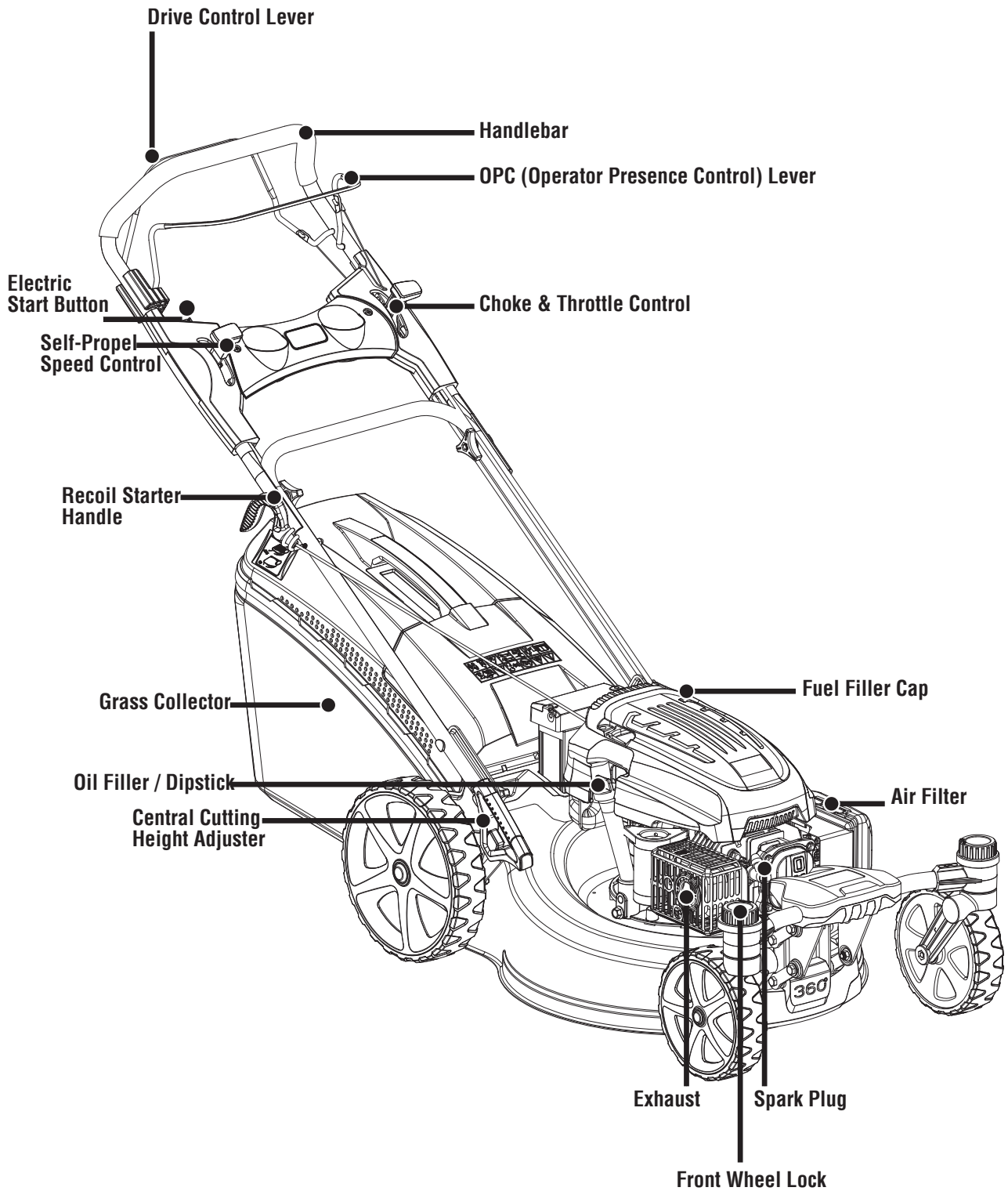
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Features



What's In The Box

- HYM510SPEZ Lawnmower
- Grass Collector
- User Manual

Symbols On The Machine

We have provided safety messages in this manual and on the lawnmower. 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 judgment.



INSTRUCTION MANUAL

Read and understand operator's manual before using the machine. Failure to follow instructions could result in death or serious injury.



WARNING

The blade is sharp, do not touch the blade.



SAFE DISTANCE

Keep people at a safe distance while working.



WARNING

Always use correct tools and original spare parts.



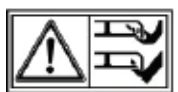
REMOVE SPARK PLUG

Remove the spark plug cable from the spark plug and read instructions before carrying out any repair or maintenance.



DANGER

Danger of thrown objects.



DANGER

Blades in movement. Do not put hands or feet near or under the opening of the cutting plate.



WEEE SYMBOL

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or local store for recycling advice.



DO NOT USE ON SLOPES

Do not use on hills above 20°.



WARNING

Do not touch the rotating parts.



WARNING

Stop the engine before cleaning of work area.



KEEP BYSTANDERS AWAY

Keep bystanders, especially children away.

General Safety



⚠️ 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.

⚠️ 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 engine 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.

⚠️ 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. 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 judgement. 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.

General Safety

- Always keep hands and feet away from all pinch points.
- 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.
- Start the engine carefully according to instructions and with feet away from the moving parts.
- Do not place your hands or feet near or under rotating parts. Keep away from any discharge openings.
- 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.
- Always keep a safe distance from the rotary blade, given by the length of the handle.

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 engine's switch does not turn off the engine when running. Any petrol powered machine that can't be controlled with the engine 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.
- Avoid accidental starting. Be sure the engine's 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.
- If the machine should start to vibrate abnormally, stop the engine and check immediately for the cause. Vibration is generally a warning sign of trouble.
- Do not tamper with or disable safety systems.
- Only use manufacturer-recommended attachments.

General Safety

- 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 all nuts, bolts and screws tight to ensure the equipment is in safe working condition.
- Keep the machine in good operating condition. Operating a 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.
- Be sure the safety covers are in place.
- Never leave the operating position when the engine is running.
- The engine parts get very hot when running, do not touch. Danger of burns.
- Follow the instructions to ignite the engine carefully whilst keeping feet away from moving parts.
- Never incline the machine during ignition. Ignite the machine on a flat surface without obstacles or high grass.
- Do not over-rev the engine or change the engine settings.
- Never pick up or carry the machine while the engine is running.

Engine Safety

- This machine is equipped with an internal combustion engine. Do not use on, or near, forest-covered or brush-covered land unless the exhaust system is equipped with a spark arrester meeting applicable local, state, or federal laws.
- A spark arrester, if used, must be maintained in effective working order by the operator.
- Never start or run the engine inside a closed area. The exhaust fumes are dangerous, containing carbon monoxide, an odorless and deadly gas. Operate this unit only in a well-ventilated outdoor area. (See carbon monoxide safety).
- Do not tamper with the engine in an effort to get it to run at higher speeds. The maximum engine speed is preset by the manufacturer and is within safety limits.
- Keep a fire extinguisher on hand when operating this machine in dry areas as a precautionary measure.
- Stop the engine whenever you leave the machine, or before refuelling, when cleaning or while maintaining.
- Reduce the throttle setting during engine shut down and, if the engine is provided with a shut-off valve, turn the fuel off at the conclusion of working.
- Do not tilt the lawnmower when starting the engine.
- Start the engine carefully according to instructions and with feet well away from the blade.
- Before stopping the engine, reduce the throttle setting, if applicable.

General Safety

Work Area

- Make sure you thoroughly inspect the entire work area and remove all objects and anything that could be thrown by the machine or could damage the engine or machine (branches, stones, wire, toys, etc). Attempting to clear the work area whilst using the machine will reduce your concentration and creates a trip hazard. Any liquid spilled on the floor may result in you slipping.
- You must only work in daylight or with good artificial light in good visibility conditions. Keep people, children and animals away from the working area.
- Operate on flat, level ground.
- Avoid mowing wet grass if possible. If there has been heavy rain on the working site, wait until the ground has dried up.
- Never park the machine in a place with unstable ground which could give way.
- You must pay special attention when approaching obstacles that could compromise visibility.
- When mowing on slopes, you must mow across the slope and not up and down it. When changing direction, you need to be careful that the wheels do not hit any obstacles (such as roots, branches, stones, etc) that can cause the lawnmower to slide sideways or make you lose control of it.
- The lawnmower must never be used on slopes of over 20°, regardless of the mowing direction.
- You must be careful near ravines, ditches or embankments.
- Exercise extreme caution when operating on or crossing gravel drives, walks, or roads. Stay alert for hidden hazards or traffic.
- Find and locate all fixed objects in the ground, such as sprinkler systems, poles, water valves, bases for washing lines etc. Make sure that you check for hidden electrical cables or similar on the surface of the lawn. ALWAYS run the machine around these objects. NEVER intentionally run the machine over foreign objects.
- Pay the utmost attention when working on frozen ground as the machine may tend to skid.
- Do not work in the rain and when there is a thunderstorm or lightning risk. If there is bad weather conditions, do not use the machine.
- Make sure on slopes you have a steady foothold.

General Safety

During Use

- Always hold the unit with both hands when operating. Keep a firm grip on the handlebars. Be aware that the machine may unexpectedly bounce upward or jump forward if the machine should strike buried obstacles such as large rocks or roots.
- Walk, never run with the machine.
- Use extreme caution when in reverse or pulling the machine towards you.
- Do not operate the machine in confined areas where there may be a risk of crushing the operator between the machine and another object.
- Be very careful when pulling the machine toward you. You must look behind you to make sure there are no obstacles before and during operations in reverse gear (if applicable).
- Do not allow the machine to pull you along, you must walk and never run.
- Before leaving the machine to clear blockages, check, clean, refuel or after striking foreign object, stop the engine and make sure that the blades have come to a complete stop.
- **WARNING!** If something breaks or an accident happens whilst working, you must turn off the engine immediately and move the machine away to prevent further damage. If an accident happens with injuries or third parties are injured, carry out the first aid measures most suitable for the situation immediately and contact the medical authorities for any necessary health care. Carefully remove any debris that might cause damage or harm persons or animals should it not be seen.
- The excessive speed of movement or the absence of maintenance have a significant influence on noise emissions and vibrations. It is necessary to take preventive steps to eliminate possible damage due to high levels of noise and stress from vibration. You must maintain the machine well, wear ear protection and take breaks from working.
- Keep a firm hold on the handlebars, they may tend to lift during clutch engagement.
- If the lawnmower is running, do not lift or transport.
- If the attachments/tools are not installed in their seats, do not use the machine.
- Stop the engine before emptying the grass collector or before you change the cutting height.
- Disengage the wheel drive before starting the engine on power-driven models.
- You must disengage the blade, switch off the engine and unplug the spark plug cable (making sure that all moving parts are stationary):
 - Before refuelling
 - Whenever you remove or attach the grass collector
 - Before adjusting the cutting height
 - After striking a foreign object, you must inspect the machine for damage and make repairs before using it again.
 - Before checking or working on the machine
 - Before clearing blockages or unclogging the discharge chute
 - When transporting the machine
 - Whenever you leave the machine unattended; also remove the key on models with electric ignition systems

General Safety

Carbon Monoxide

DANGER

Engine exhaust fumes contain Carbon Monoxide. This is a poisonous gas and can kill in minutes. NEVER use inside a building or in an area with poor ventilation.

DANGER!

CARBON MONOXIDE IS A COLOURLESS, ODOURLESS GAS. INHALING THIS GAS CAN CAUSE DEATH OR SERIOUS LONG-TERM HEALTH PROBLEMS SUCH AS BRAIN DAMAGE.

Never operate the engine in a confined space where dangerous carbon monoxide fumes can develop. All ignition operations have to be effected in an open or well-ventilated area. Always remember that exhaust fumes are toxic.

The symptoms of carbon monoxide poisoning can include but are not limited to the following; Headaches, dizziness, nausea, breathlessness, collapsing or loss of consciousness.

Carbon monoxide poisoning symptoms are similar to flu, food poisoning, viral infections and simply tiredness. It is quite common for people to mistake this very dangerous poisoning for something else.

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. **DO NOT** use in an enclosed area or moving vehicle. This is not exhaustive and if you are in any doubt contact your dealer.

If you think you have or someone around you has been affected by carbon monoxide poisoning; 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.

Contact a Doctor immediately or go to Hospital – let them know that you suspect carbon monoxide poisoning.

Noise (Where Applicable)

- 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.

- 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.

General Safety



General Fuel Safety

CAUTION!

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

General Safety

- 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, 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 vapors.
- 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.

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.

Fueling / De-fueling

- 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-fueling ALWAYS use a proper fuel retriever.
- Never overfill the fuel tank. Because 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.

General Safety

- 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.

Storage

- Make sure to store fuel in special containers.
- 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.

Electrical Safety (Where Applicable)

DANGER!

ELECTRICITY CAN KILL – NEVER WORK ON LIVE/ENERGISED EQUIPMENT.

- Prior to carrying out any maintenance work you MUST identify electrical isolation methods and isolate all electrical supplies.
- Prior to use and with all electrical supplies isolated, you MUST check all electrical cables, plugs and connectors for the following;
 - Are intact and have no signs of damage, to include but not limited to bare wires, chaffing, cuts and loose wiring.
 - If there are any signs of damage, the damaged item MUST be taken out of service until the damage has been repaired by an electrically competent person.
- All trailing cables should be routed so as not to cause any kind of trip hazard.
- NEVER work on or near electricity with wet hands, wet clothing and wet gloves.

General Safety

Batteries (Where Present)

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.

Should you come in to contact with electrolyte you should;

- Remove all clothing contaminated with electrolyte. If you cannot remove then saturate them in water.

- Get medical assistance as soon as possible.

You must advise the medical staff of the type of acid.

- Lead/acid battery = dilute sulphuric acid.

- Nickel/cadmium = potassium hydroxide alkali electrolyte.

- 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.

- 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.

- Gasses from charging batteries are highly flammable and great care should be taken to charge in well ventilated areas.



- 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.

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 never 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.

General Safety

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, eg 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.



RESPIRATOR MUST BE WORN

Wear a respirator.

General Safety

Getting To Know The Machine

The HYM510SPEZ is a petrol powered rear wheel drive, self-propelled, electric push button start lawnmower from HYUNDAI, ideally suited for medium to large sized lawns. The HYM510SPEZ has a cutting width of 508mm and is powered by a 196cc 4-stroke OHV petrol engine.

The lawnmower is a garden tool and precisely a pedestrian controlled lawnmower. The machine is essentially composed of an engine which drives a blade enclosed in a casing, equipped with wheels and a handle. The operator is able to operate the machine and use the main controls, always staying behind the handle at a safe distance from the rotating blade. If the operator leaves the machine, the engine and cutting means will stop within a few seconds.

The lawnmower is manufactured according to the latest safety requirements. These include a blade brake that stops the engine and blade when you let go of the OPC lever. Every precaution is only effective when it is followed exactly.

Intended Use

This machine was designed and manufactured for cutting and collecting grass in gardens and grassy areas, in areas in proportion to its cutting capacity, controlled by a pedestrian operator.

The presence of attachments or specific devices can prevent cut grass from being collected or produce a mulching effect, depositing cut grass on the ground.

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 ones may be hazardous and harm persons and/or damage things. Examples of improper use may include, but are not limited to:

- transporting people, children or animals on the machine
- letting yourself be transported by the machine
- using the machine to tow or push loads
- using the machine for leaf or debris collection
- using the machine to trim hedges, or cutting anything other than grass
- use of the machine by more than one person
- using the blade on surfaces other than grass

For full specification, go to page 41 or visit www.hyundaipowerproducts.co.uk

Getting Started

Assembly Safety

⚠ CAUTION - This guide is meant to serve as a quick reference for operating your HYUNDAI machine. We always advise reading the manual in full before operation.

⚠ CAUTION - For OUTDOOR use ONLY. Petrol machines produce carbon monoxide – a poisonous, colourless and odourless gas that can cause serious injury or death. Petrol is highly flammable, always handle with extreme care and in a well ventilated area.

⚠ NOTE - Images may vary depending on model. The mulching plug may already be installed for transport.

⚠ NOTE - The machine can be supplied with some parts already assembled. Prior to assembly, check all items have been received.

⚠ NOTE - This machine is shipped without fuel and oil and MUST be filled before use. Failure to do so may cause damage to the engine that will not be covered by warranty.

Unboxing

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

Carefully remove the product from the packaging and examine it for any sign of damage caused during shipping. 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. You must keep the packaging material in case the machine needs to be returned or repaired.

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

As soon as you have purchased your machine, we recommend that you fill out the information on page 46. If you need to contact an authorised dealer or customer service for information on servicing, you may need to provide this information.

There is also a service record so you can keep track of your machine service dates.

Assembly

Handlebar Assembly

STEP 1



Attach the base of the handle to the mower and tighten bolts securely.

STEP 2



Attach the upper handle to the lower handle and tighten bolts securely.

STEP 3



Slowly pull the recoil cord and thread it through the cord loop.

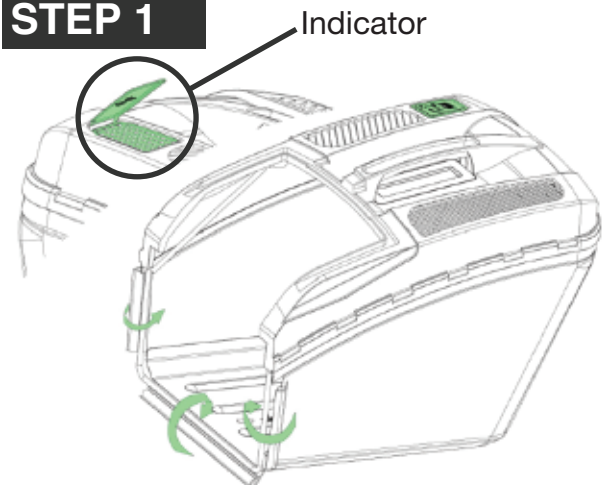
STEP 4



Attach the centre control panel.

Grass Collector Assembly

STEP 1



Clip the plastic edges of the bag onto the frame and attach the clips as shown. The grass collector comes with a handy indicator showing whether the collector is full and needs emptying.

When indicator is up - grass collector is empty
When indicator is down - grass collector is full

Assembly

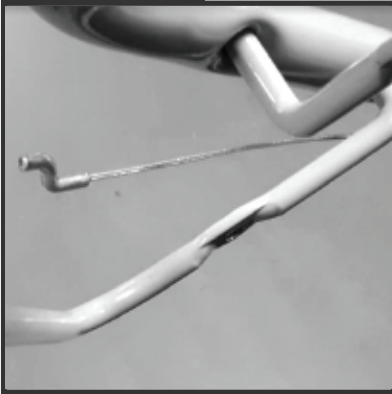
Cable Attachment

NOTE - If you are stood behind the lawnmower:

OPC Cable: This attaches to the lever in front of the main handlebar and if followed, will attach to the engine.

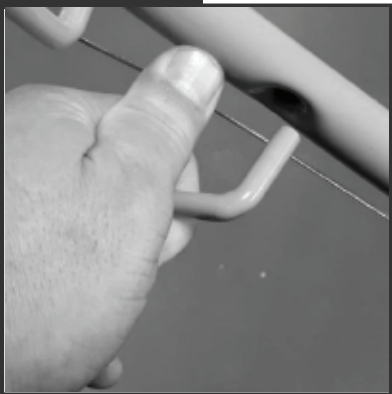
Drive Cable: This attaches to the lever behind the main handlebar and if followed, will enter the deck of the lawn mower behind the engine.

STEP 1



Follow the cable you want to attach and determine which lever it will attach to.

STEP 2



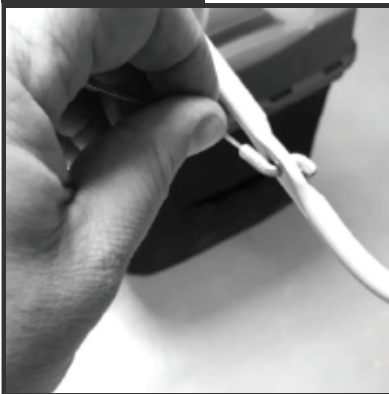
Gently prise the lever inwards from its locating hole in the main handlebar.

STEP 3



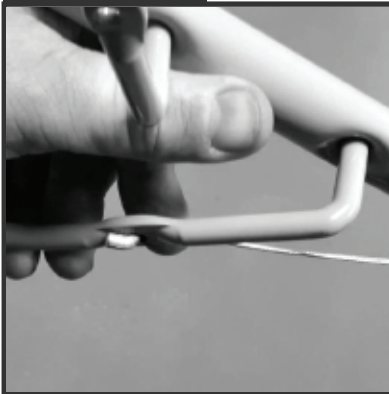
Insert the end of the cable in to the location hole on the lever.

STEP 4



Position the cable until it lies flat in the lever.

STEP 5

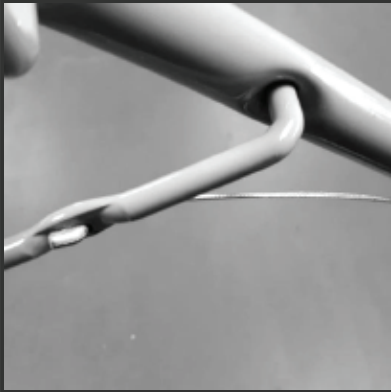


Refit the lever back into its location hole on the main handlebar.

Continued 

Assembly

STEP 6



Check the cable lies flat and has not snagged on any other part of the lawnmower.

⚠ NOTE - It is necessary as part of routine maintenance to adjust the OPC cable and drive cable tension to ensure the lawnmower will start and self-propel correctly.

If there is more than 10mm movement in the OPC or drive levers before the cable begins to move, then the cable will require adjustment.

Go to pages 34-35 for more information.

Preparation

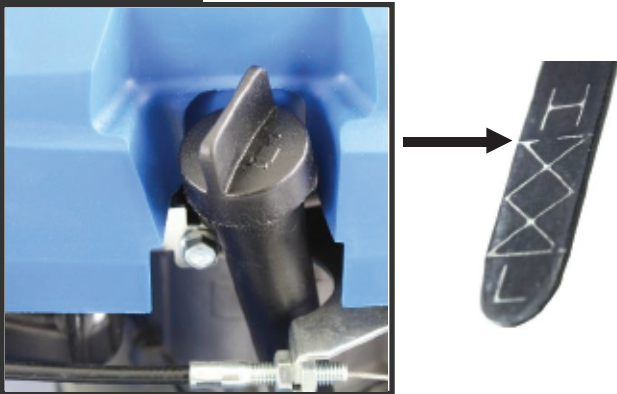
Adding Oil

Oil Type : SAE30 or 15w40
Oil Capacity : 600ml

The lawnmower is delivered without oil in the engine.

NOTE - All machines are tested and inspected so there may be some residual oil left in the machine so please fill with caution.

STEP 1



Remove the oil filler cap and fill with fresh SAE 30 or 15W40 engine oil to the upper mark on the dipstick. **DO NOT** overfill. Once the correct amount of oil has been added, refit the dipstick securely.

If you do overfill, read the section 'Changing Oil' on page 31 for more information on draining oil.

You should change the oil every 100 hours or every 12 months, whichever is sooner.

Adding Fuel

Fuel Type : Fresh straight unleaded petrol
Fuel Capacity : 1L

The lawnmower is delivered without petrol.

STEP 1



Remove the fuel tank cap. Fill the fuel tank with fresh straight unleaded petrol. Allow a 25mm gap from the top of the tank, then refit the cap securely. **DO NOT** mix petrol with oil and clean up any spills immediately.

DO NOT overfill. The fuel tank only needs to contain enough fuel to complete the days mowing. If you run out of fuel, refilling must only be done once the engine has cooled down. Fuel stored within the machine for 28 days or more can go stale and should be drained before further use.

STEP 2



Refit the fuel filler cap securely and clean up any fuel spilt before starting the engine.

Using The Lawnmower

Grass Collection

STEP 1



Lift the rear cover.

STEP 2



Remove the mulch plug if fitted.

STEP 3



Attach the grass collecting bag.

Mulching Mode

STEP 1



For mulching mode, lift the rear flap and remove the grass box.

STEP 2



Install the mulching plug.

STEP 3



Lower the rear cover.

Go to page 43 to find out more about mulching.

Using The Lawnmower

Cut And Drop

STEP 1



Lift the rear discharge flap and remove the grass collector and mulching plug if installed.

STEP 2



Insert the two plastic lugs into the mounting points underneath the rear discharge flap (shown below).



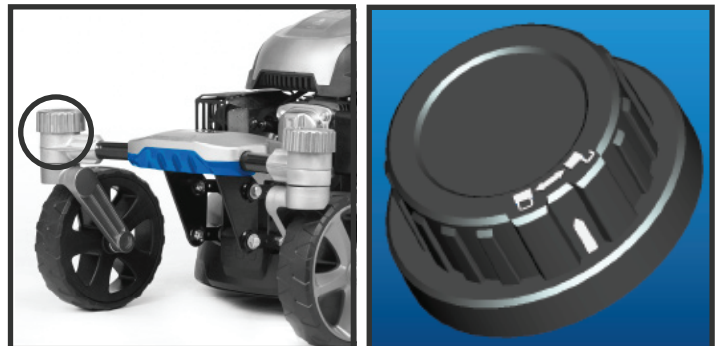
These hold the rear discharge flap and keep it lifted so the grass clippings can leave.

Adjusting Cutting Height

To adjust the cutting height, pull the adjustment lever outwards and select the required height. It must be set to maximum height before starting. The height is automatically adjusted for all wheels by a single lever.



Adjusting Front Wheels



Locking The Front Wheels

Pull the lock up and turn it to the 'LOCK' position. This will fix the wheels to only point forward.

Un-Locking The Front Wheels

Pull the lock up and turn it to the 'UNLOCK' position. This will allow the front wheels to swivel, this will make the lawnmower easy to manoeuvre when cutting around flower beds, trees, etc.

Starting The Lawnmower

⚠ CAUTION - For OUTDOOR use ONLY. Petrol machines produce carbon monoxide – a poisonous, colourless and odourless gas that can cause serious injury or death. Petrol is highly flammable, always handle with extreme care and in a well ventilated area.

⚠ NOTE - This machine is shipped without fuel and oil and MUST be filled before use. Failure to do so may cause damage to the engine that will not be covered by warranty.

Oil: 600ml SAE 30 or 15W40 engine oil
Fuel : 1L straight unleaded petrol

⚠ CAUTION! ALL FUELS ARE FLAMMABLE

Always fuel and de-fuel in a well ventilated area away from sources of ignition.

Before Each Use

- Always ensure that the lawnmower is in a safe working condition. Inspect the blade, check safety devices and guards and check all nuts, bolts and screws are secure. For more information on checking your machine before use, go to page 29.
- Check the oil level, go to page 30 for instructions.
- Fill the fuel tank with unleaded petrol. Go to page 30 for instructions.
- Check the OPC cable, if there is more than 10mm movement in the OPC lever before the cable begins to move, then the OPC cable will require adjustment. Go to pages 34-35 for instructions.
- Remove all foreign objects from the lawn which may be thrown by the machine, stay alert for foreign objects that have been missed.

Starting Procedure

STEP 1



Charge the battery for six hours using the charger supplied.

STEP 2



Push the choke lever all the way forward.

STEP 3



Make sure the blade is free of long grass and the cutting height is set to maximum.

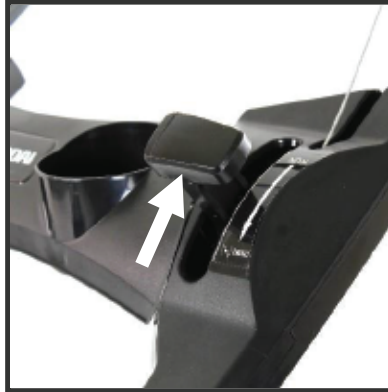
Starting The Lawnmower

STEP 4



Pull back the Operator Presence Control (OPC) lever towards the main handle.

STEP 7



Once running, pull the choke lever back one notch to run position and the engine will run smoothly.

STEP 5



For recoil start, pull the starter handle swiftly – repeat until the engine starts.

STEP 8



Adjust the self-propel drive speed lever to a suitable speed for the task.

STEP 6



For electric start, push the start button located under the centre control panel for 3 seconds, repeat until the engine starts.

Stopping The Lawnmower

⚠ CAUTION - The engine and exhaust will remain hot for a while after use. Ensure the engine and exhaust has cooled before carrying out any maintenance, refuelling or storage.

After Each Use

- Examine the machine and blade for damage.
- Clean the machine if necessary, go to page 37 for more information on how to clean your machine.

Stopping Procedure

STEP 1



Release the OPC Lever and the engine will stop.

Removable Start Button

With the push button electric start, you have the option to remove the start button to child-proof the lawnmower.

With the start button removed, you will not be able to electric start the mower.




Troubleshooting


NOTE - Where necessary, all corrective actions should be carried out by suitably qualified persons. If the starter rope becomes disconnected from the rope guide on handle, disconnect the spark plug cap. Pull the starter rope out from engine slowly and re-engage in guide. Re connect spark plug cap.


Problem	Possible Cause	Possible Corrective Action
Engine does not start	OPC cable not adjusted correctly	Adjust OPC cable
	Fuel tank is empty	Fill fuel tank
	Stale fuel	Drain carburetor float bowl
	Air filter element is dirty	Clean or replace air filter
	Spark plug is loose	Tighten spark plug
	Spark plug cap loose or disconnected	Correctly fit the spark plug cap
Spark plug faulty	Spark plug gap is incorrect	Set plug gap to 0.7-0.8mm or replace spark plug
	Carburetor is flooded with fuel	Remove the air filter and pull starter rope until carburetor clears
	Faulty ignition module	Contact the service dealer
Engine difficult to start or loses power	Dirt, water or stale fuel in tank	Drain fuel and clean tank. Fill with clean, fresh fuel
	Vent hole in fuel tank filler cap is clogged	Clean or replace fuel tank cap
	Air filter element is dirty	Clean or replace air filter element
Engine operates erratically	Spark plug is defective	Fit new, correctly gapped spark plug
	Spark plug gap is incorrect	Set plug to 0.7-0.8mm
	Air filter element is dirty	Clean or replace air filter element
Engine idles poorly	Air filter element is dirty	Clean or replace air filter element
	Air slots in engine are blocked	Remove debris from slots
	Cooling fins and air passages under engine housing are blocked	Remove debris from cooling fins and passages
Engine skips at high speed	Spark plug electrode gap is incorrect	Set plug to 0.7-0.8mm
Engine overheating	Cooling airflow is restricted	Remove any debris from slots in shroud, blower housing, air passages
	Incorrect spark plug	Fit new spark plug
Mower vibrates abnormally DO NOT use the machine until vibration issue has been fixed	Cutting assembly is loose	Tighten blade
	Blade/cutting assembly is unbalanced	Take to a service dealer


Maintenance & Care


Safety


 **IMPORTANT** - Routine and accurate maintenance is essential for maintaining original machine safety and performance levels.


 **WARNING** - Before cleaning or doing maintenance work, you need to stop the engine, disconnect the spark plug cable and read the relevant instructions. You need to wear proper clothing and protective gloves whenever your hands are at risk.

 If there are worn or damaged parts, never use the machine. Faulty or worn-out parts must be replaced and not repaired. You must only use original spare parts. The use of non-original and/or incorrectly fitted parts will jeopardize the safety of the machine. This may also cause accidents or personal injuries for which the manufacturer is under no circumstance liable or responsible.

 Any maintenance operations or adjustments not explained in this manual must be carried out by your Dealer or a specialised Service Centre with the necessary knowledge and equipment to ensure that the work is done correctly maintaining the machine's original safety level. Any operations performed in unauthorised centres or by unqualified persons will invalidate the Warranty and all obligations and responsibilities of the Manufacturer.

 Be very careful during adjustment of the machine to prevent entrapment of the fingers between moving parts of the blade and fixed parts of the machine.

 If you need to access the lower part of the lawnmower, you must tilt the machine with the air filter facing up, following the relevant instructions, making sure that the machine is stable before performing any interventions.

 **CAUTION - DO NOT** use a hose pipe or pressure washer to clean the engine. Water can damage the engine or contaminate the fuel system.

Maintenance & Care

Maintenance Schedule

Maintenance	Before Each Use	After Each Use	Every 3 Months Or 25 Hours	Every 6 Months Or 50 Hours	Every Year Or 100 Hours	Every Two Years Or 250 Hours
Check Machine. <i>See section below.</i>	X					
Clean Machine. <i>See page 37.</i>		X				
Change Engine Oil <i>See page 31.</i>					X	
Paint On Internal Chassis <i>See page 37.</i>					X	
Check Cable Adjustment <i>See pages 34-35.</i>			X			
Spark Plug <i>See page 32.</i>				Check	Replace	
Air Filter <i>See page 33.</i>				Clean	Replace	
Drain Fuel And Clean Tank <i>See page 31.</i>					X	
Check Fuel Pipe For Leaks						X
Check Valve Clearance <i>Take To Dealer.</i>						X
Clean Combustion Chamber <i>Take To Dealer.</i>						X

Checking Your Machine

When checking your lawnmower, we recommend you :

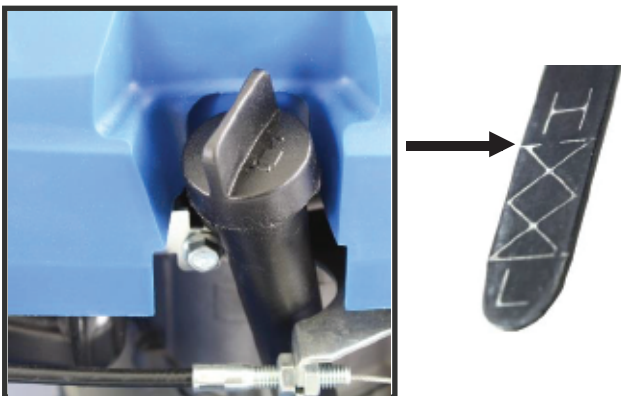
- Check for worn or damaged parts
- Make sure all nuts, screws and bolts are tight
- Check that the blade is well balanced and screws are tight
- Check grass collector for damage
- Make sure all warning stickers are in place and not damaged
- Check for oil / fuel leaks

Maintenance & Care

Checking Oil Level

Oil Type : SAE30 or 15w40
Oil Capacity : 600ml

1. Remove the oil filler cap and wipe the dipstick clean.
2. Refit the dipstick without screwing it down.
3. Remove the dipstick and check the oil level. It should be up to the upper mark on the dipstick. **DO NOT** overfill. The oil level should not be above the upper mark on the dipstick. The oil capacity is 600ml.
4. If the oil level is too low, add SAE 30 engine oil part number '600MLSAE30OIL' or 15W40 engine oil, to the upper mark on the dipstick (as shown below) or until the oil level is to the top of the filler neck.



5. Once the correct amount of oil has been added, refit the dipstick securely.

If you do overfill, read the section 'Changing Oil' on page 31 for more information on draining oil.

Filling The Fuel Tank

Fuel Type : Fresh straight unleaded petrol
Fuel Capacity : 1L

⚠ CAUTION - ALL FUELS ARE FLAMMABLE

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

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

1. Remove the fuel filler cap.
2. Fill the fuel tank with fresh straight unleaded petrol. Allow a 25mm gap from the top of the tank. **DO NOT** mix petrol with oil.
3. Refit the fuel filler cap securely and clean up any fuel spilt before starting the engine.



DO NOT overfill. The fuel tank only needs to contain enough fuel to complete the days mowing. If you run out of fuel, refilling must only be done once the engine has cooled down. Fuel stored within the machine for 28 days or more can go stale and should be drained before further use.

NOTE - Make sure not to drip petrol onto the plastic parts to prevent damaging them and remove all traces of spilt petrol immediately. The warranty will not cover damage to plastic parts caused by petrol.

Maintenance & Care

Changing Oil

To reduce fire hazards, check there is no oil and/or fuel leaks on a regular basis.

It is highly recommended to change the engine oil every 100 hours or 12 months. This will ensure the machine will function properly over time.

There are different ways you can empty the oil:

- The oil can be discharged at a specialised servicing centre.
- You can use an oil syringe to suction the oil out through the filler spout, bearing in mind you may need to repeat the operation several times in order to completely empty the tank.
- Gently tilt the machine with the air filter facing upwards and allow the excess oil to drain from the dipstick port, in to a suitable container.

Remember to top-up with oil before using the machine again.

Draining Fuel Tank

To reduce fire hazards, check there is no oil and/or fuel leaks on a regular basis.

If you need to empty the fuel tank, this should be done outdoors once the engine has cooled down.

To empty the fuel tank, follow instructions to drain the carburetor in the next section. Ideally, use the machine until the fuel is nearly empty then drain any residue through the carburetor drain bowl.

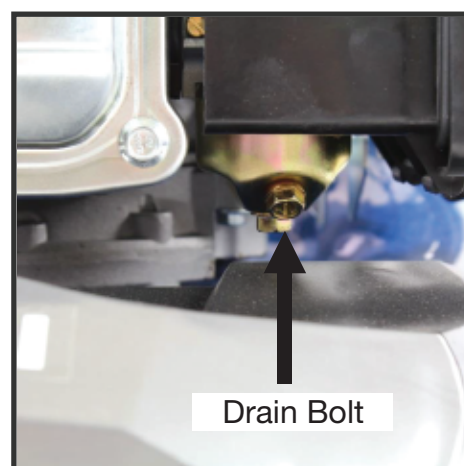
Drain Carburetor Float Bowl

⚠ CAUTION - ALL FUELS ARE FLAMMABLE

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

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

- The use of old or stale fuel will impair starting and running of the machine.
- Make sure that the machine has fresh unleaded fuel and always remove fuel before storing for long periods.
- Never mix fuel and oil.
- To drain the carburetor float bowl, undo the drain bolt making sure that the washer is not lost. The drain bolt is at an angle on the float bowl. Not the very bottom bolt.
- Use a suitable container to catch fuel. Take care not to spill fuel and make sure that all spilt fuel is cleared away safely.



Maintenance & Care

The Spark Plug

For good performance, the spark plug must be properly gapped and free of deposits.

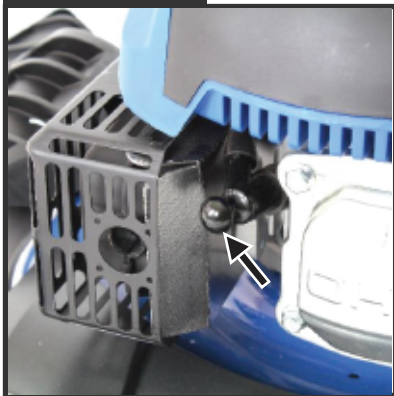
STEP 1

You **MUST** allow the engine to cool down before carrying out any maintenance.

STEP 2

Always replace with the same model spark plug as fitted.

STEP 3



To check spark plug, remove spark plug cap.

STEP 4



Remove spark plug using the supplied spark plug wrench.

STEP 5

Clean the spark plug electrode, making sure that there is no damage to the insulator or electrode.

STEP 6

The spark plug gap should be 0.70mm to 0.80mm. Check the gap by using a feeler gauge. Adjust as necessary by carefully bending the side electrode to achieve the correct gap.

00.28" to 0.031"

0.70mm to 0.80mm



STEP 7

Refit the cleaned and adjusted spark plug by hand to avoid cross-threading.

STEP 8

After spark plug seats then tighten as necessary with a spark plug wrench but avoid over-tightening.

STEP 9

Re-attach the spark plug cap.

Maintenance & Care

Air Filter

CAUTION - A dirty air filter will restrict the air flow to the carburetor, which will reduce engine efficiency.

When using the lawnmower in very dusty areas you must clean or replace the air filter more often. Never operate the machine without the air filter being fitted it can cause damage to the engine which is not covered by warranty.

STEP 1



To gain access to the air filter press the 2 latch tabs.

STEP 2



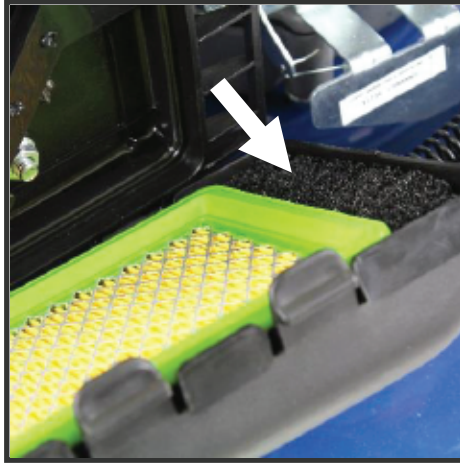
Remove filter, check for contamination and clean or replace as required.

STEP 3

Clean the filter by tapping it several times on a hard surface to remove dirt, or blow air

through it using an air gun not exceeding 30psi.

STEP 4



Also clean the foam pre-filter. Wash in detergent and let dry.

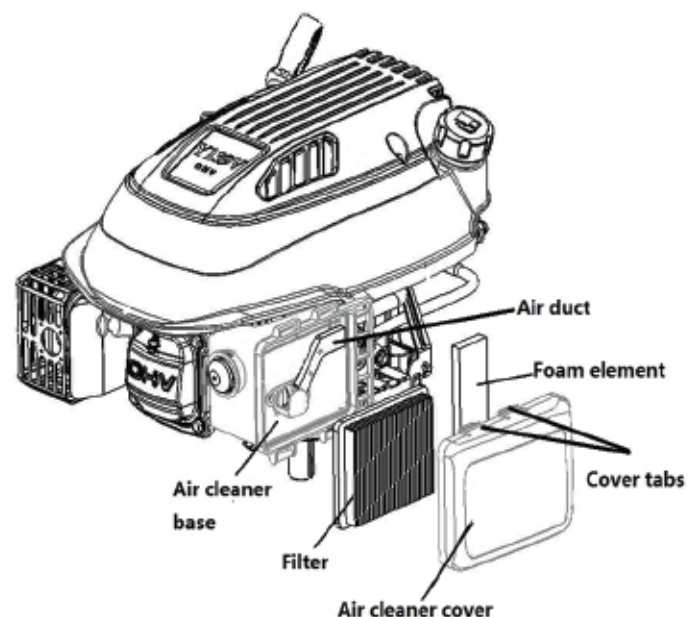
STEP 5

Never use a brush to clean the filter it will only drive dirt into the fibres of the filter.

Wipe dirt from the air cleaner body by using a moist rag, be careful to prevent dirt or debris entering in to the carburetor.

STEP 6

Reinstall the filter and cover.



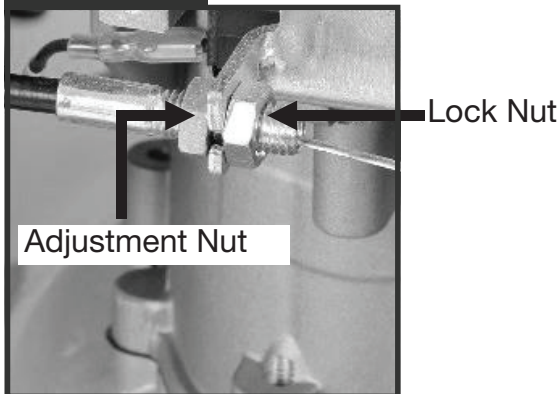
Maintenance & Care

OPC Cable Adjustment

NOTE - It is necessary as part of routine maintenance to adjust the OPC cable tension to ensure the lawnmower will start correctly.

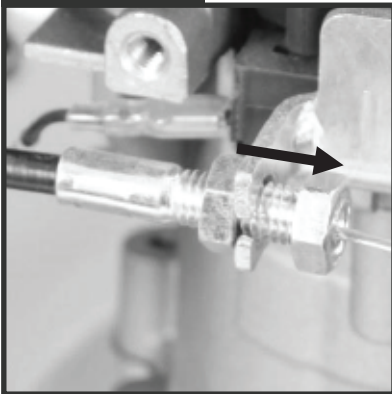
If there is more than 10mm movement in the OPC lever before the cable begins to move, then the OPC cable will require adjustment.

STEP 1



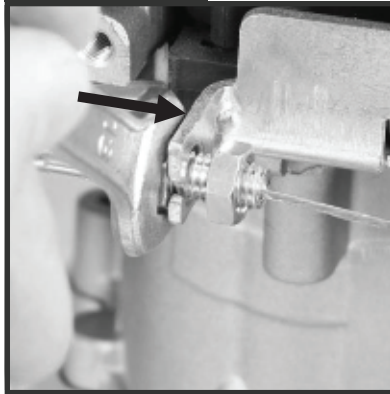
Follow the OPC cable to the adjuster located on the side of the engine.

STEP 2



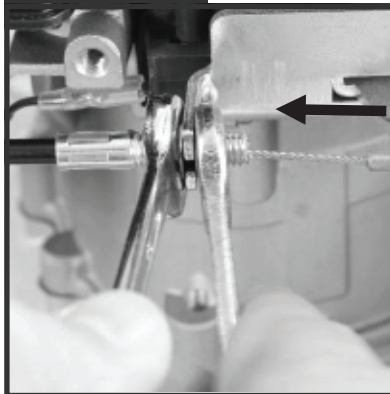
Undo the lock nut and wind it forwards.

STEP 3



Move the adjustment nut towards the lock nut and continually check the cable tension at the lever.

STEP 4



Once the movement has been removed, hold the adjustment nut in place and tighten the lock nut back towards the adjustment lever to lock the cable in place. Check the cable adjustment has worked by starting the mower. If the mower still fails to start, re-adjust until the lawnmower starts. Also check that when the OPC lever is released, that the blade stops promptly.

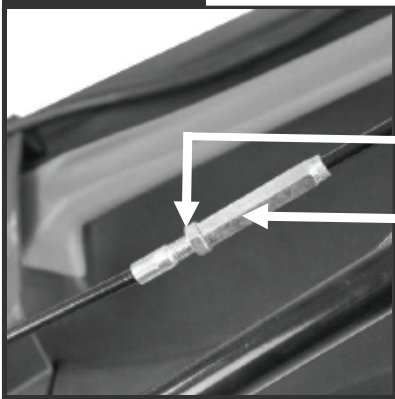
Maintenance & Care

Drive Cable Adjustment

! NOTE - It is necessary as part of routine maintenance to adjust the drive cable tension to ensure the lawnmower will self-propel correctly.

If there is more than 10mm movement in the drive lever before the cable begins to move, then the drive cable will require adjustment.

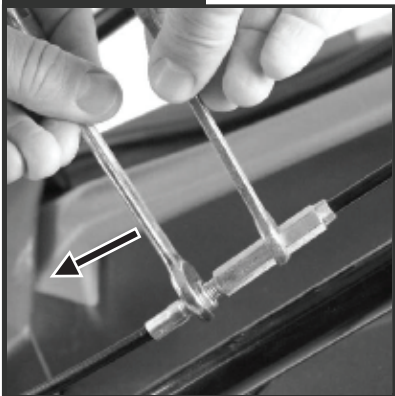
STEP 1



Lock Nut
Adjustment Nut

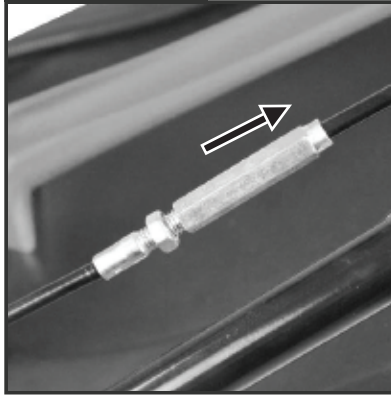
Follow the drive cable down towards the lawnmower until you reach the drive cable adjuster.

STEP 2



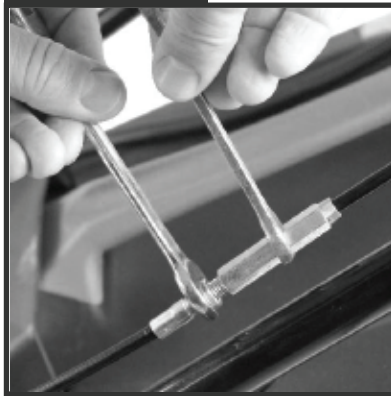
Undo the lock nut and wind it forwards.

STEP 3



Wind the adjuster nut towards the main handlebar. As you adjust, keep checking the tension on the drive cable until the desired tension is reached.

STEP 4



Tighten the lock nut finger tight, back towards the adjuster nut and check for drive on the lawn mower. Once drive is restored, tighten the lock nut securely.

Maintenance & Care

Blade Maintenance

⚠ You **MUST** wear gloves to protect your hands from being cut when working with the blade.

⚠ Do not touch the blade until the spark plug has been disconnected and the blade is completely stationary. When servicing the blade, even though the spark plug cable is disconnected, the blade can still move.

⚠ All work on the blade (disassembly, sharpening, balancing, re-assembly and/or replacing) should be carried out at a specialised centre as they are demanding jobs that require special skills and special tools. Keep the blade well balanced during sharpening.

⚠ If the blade hits an obstacle check for damage and if the machine vibrates badly stop the lawnmower and take it to a service dealer.

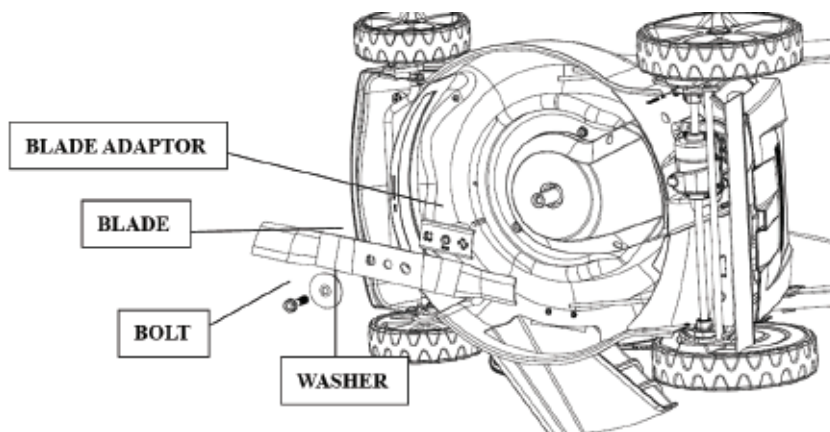
⚠ Only original blades must be used on this machine. Given product evolution, the blades may be replaced in time with others having similar interchangeable and operating safety features.

Blade Inspection

- Check the blade, in order to maintain a good cut, the blade should always be sharp and well balanced.
- Tilt the mower to the right, so that the air filter is facing upwards. This will help prevent fuel leakage.
- Inspect the blade for damage, cracks and excessive rust or corrosion. A dull blade can be sharpened, but a blade that is excessively worn, bent, cracked, or otherwise damaged must be replaced.
- Check that the blade bolts are tight.
- To remove the blade, unscrew the bolt, check the blade carrier and all components, replace if they are worn or damaged.

Blade Sharpening

- It is best if all interventions on the blade are done at a specialised centre that has the special tools and equipment.
- The blade is made of pressed steel, in order to obtain a good cut, sharpen the blade frequently, typically around every 25 hours of work.
- Following blade sharpening you must make sure that the blade is always well balanced.



Maintenance & Care

Cleaning

⚠ CAUTION - DO NOT use a hose pipe or pressure washer to clean the engine. Water can damage the engine or contaminate the fuel system.

⚠ NOTE Engine must be switched off and spark plug lead disconnected.

After Each Use

- You must remove grass and mud from the machine to prevent it from drying. This will cause problems the next time the lawnmower is used.
- Wipe the machine down with a damp cloth.
- For larger build ups of debris, use a scraper or similar product.
- Dry the machine completely to prevent rust from forming.
- Use the hose pipe attachment to clean under the deck.
- Make sure not to drip petrol onto the plastic parts to prevent damaging them and remove all traces of spilt petrol immediately. The warranty will not cover damage to plastic parts caused by petrol.
- Clean underneath the deck. See 'Hose Connector' section.

Regularly

- Paint on internal chassis parts may start to flake over time due to abrasive action of cut grass. If this happens, you should touch-up with rust-proof paint to prevent rusting that could corrode the metal. You can also use a light oil or silicone spray to prevent rust.
- 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.

- Pores in the grass collector can become filled with dirt and dust during use and will collect less grass. To prevent this, regularly hose the collector off with water and let to dry before using. A wet bag will clog quickly.
- Lubricate the wheel bearings with a suitable lubricant.

Hose Connector

After use, the deck can be cleaned underneath by running the machine with the garden hose connected to the deck cleaning connection. This is located on the left side of the lawnmower deck.

1. When using this feature, the machine must be in the lowest height position and placed on the lawn. This ensures that the water remains under the deck during cleaning.
2. Attach the hose to the nozzle (standard quick release garden hose fitting required).
3. Turn on the water and start the engine.
4. The rotations of the blades will ensure that the water will clean the underside of the deck.



Maintenance & Care

Storage

NOTE - If storing the lawnmower for a period of 30 days or more, you must follow proper storage and winterisation guidelines to avoid any possible issues with your lawnmower. Incorrect storage can lead to possible fueling or engine issues that will not be covered by the warranty.

STEP 1

Drain all the fuel from the fuel tank and then run the lawnmower until it has completely run out of fuel to clear the remaining fuel from the fuel lines and carburetor.

STEP 2

Drain the oil from the engine as set out on page 31.

STEP 3

With the lawnmower drained of all fluids, follow the cleaning instructions as set out in the previous section.

STEP 4

Follow the maintenance section and check, service or replace serviceable items if required. Check the blade to make sure that it is ready for the following season – This will allow you to get it sharpened correctly. Use a light oil or silicone spray to help prevent the blade from rusting. Visually inspect the machine and replace or repair any worn parts.

STEP 5

Make sure to use a silicone spray grease to lightly coat the lawn mower blade to prevent possible rusting during storage. Also lightly grease all moving parts on the lawn mower.

STEP 6


Refill engine oil with new SAE 30 or 15w40 engine oil, fill to the upper mark on the dipstick.


STEP 7


Remove the spark plug and pour 1 teaspoon of fresh engine oil down the cylinder bore. Cover the spark plug hole with a lint free clean cloth, ensuring no dirt or debris falls into the cylinder chamber and gently pull the recoil starter handle to coat the cylinder bore with the fresh oil. Refit the spark plug.


STEP 8


You must follow these guidelines for storage:


 Store in a cool, dry place away from sources of ignition and varying changes in temperature.

 DO NOT store a machine that has not been given time to fully cool down. Engine must be cooled down fully before storage.

 DO NOT stack other items on top of the machine when in storage.

 DO NOT store the machine with fuel in the tank in an area where the fuel vapours could reach an open flame, a strong heat source or a spark.

 Store the machine in a safe place, out of the reach of children.

 To reduce fire hazards, keep the engine, silencer, battery compartment and petrol storage area free of grass, leaves, or excessive grease. You must always empty the grass collector and do not leave containers full of cut grass inside storage areas.

The handles can be folded down to save space during storage. Be careful not to trap any of the operating cables when folding or unfolding the handle.

STEP 9

When the machine is to be next used, fill with fresh unleaded petrol and not petrol that has been stored for periods of more than 30 days.

Maintenance & Care

Transportation And Handling

1. Whenever the machine is to be handled, lifted, transported or tilted you must:
 - Wear sturdy work gloves
 - Hold the machine at the points that offer a safe grip, taking into account the weight and relative distribution of the same
 - Use an appropriate number of people for the weight of the machine and the characteristics of the vehicle or the place where it must be placed or collected
 - You must make sure that machine movements to not cause petrol leaks, damage or injuries.
2. During transport, make sure to fasten the machine securely with cables or straps.

Maintenance & Care

Recycling And 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.



This symbol means you should 'Reduce - Reuse - Recycle'

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, petrol, 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.

Specification

Model	HYM510SPEZ
Engine Type	HYUNDAI IC200VE 4-Stroke OHV Single Cylinder
Engine Size	196cc
Fuel Tank Capacity	1L
Fuel Type	Straight Unleaded Petrol
Oil Capacity	600ml
Oil Type	SAE30 or 15w40 Engine Oil
Rated Speed	2800rpm
Rated Power	4.2kW
Drive Type	Self-Propelled
Start Method	Electric & Recoil Start
Height Adjustment	6 Positions
Cutting Height	25mm - 75mm
Cutting Width	508mm / 50.8cm
Grass Collector Type	Half Plastic With Polyester Bag
Grass Collector Volume	70L
Deck Material	Steel
Wheel Size Front	203mm
Wheel Size Rear	280mm
Measured Sound Level	97dB(A)
Guaranteed Sound Level	98dB(A)
Vibrations	3.12m/s ² K=1.5 m/s ²
Handle Type	Soft Grip Handle
Dimensions (L x W x H)	1050 x 550 x 1580mm
Weight	44kg
Functions	Rear Discharge, Mulching, Collect

Spare Parts

Only use original spare parts: The use of non-original and/or incorrectly fitted parts will jeopardize the safety of the machine, may cause accidents or personal injuries for which the Manufacturer is under no circumstance liable or responsible.

Part	Part Number
Blade	PAB000150
OPC Cable	PAB000980
Choke Cable	PAB005744
Gear Selector Cable	PAB005745
Drive Cable	PAB000980
Recoil Start Assembly	PAE005251
Grass Collector	PAB005742
Air Filter	PAE000466
Spark Plug	PAE005202
Engine Oil SAE 30 or 15W40	600MLSAE30OIL

We also offer service kits specifically designed for your lawnmower.

Maintenance Service Kit

Designed to keep your HYUNDAI lawnmower running smooth season after season, we recommend this kit to get your engine ready for that first cut.

Includes: 1 x air filter, 1 x spark plug, 1 x SAE30 600ml engine oil.

Spending time maintaining your lawnmower not only can prolong its life but will improve the efficiency of your lawnmower.

Annual Service Kit

Designed to fully maintain your HYUNDAI lawnmower by keeping it running smooth and cutting effectively season after season.

Includes: 1 x steel lawnmower blade, 1 x air filter, 1 x spark plug, 1 x oil change kit, 1 x fuel fit, 1 x SAE30 600ml oil

We recommend that you service your lawnmower for optimum performance, at the start of each season or every 25 hours, whichever is sooner.

Mowing Tips

General Tips

- Maintain a constant cutting height of 3-5cm. Do not shorten the grass to less than half its original height.
- Under certain conditions, such as very tall grass, it may be necessary to raise the height of cut to reduce pushing effort, prevent overloading of the motor and leaving clumps of grass clippings.
- It may also be necessary to reduce ground speed and/or push the lawnmower over the area a second time. For extremely heavy cutting, reduce the width of cut by overlapping the previously cut path and mow slowly.

How Often Should I Mow?

Spring (March, April & May)

Mow once a week on a high to medium height setting.

Summer (June, July & August)

Mow twice a week under good growing conditions on a low setting. In dry conditions, mow once a week on a medium to high height setting.

Autumn (September, October & November)

Mow once a week on a medium height setting.

Winter (December, January & February)

Mow as required on a high setting.

What Time Should I Mow?



Early Morning (6am-8am)

Grass could be wet and your lawnmower could leave tracks.



Mid Morning (8am-12pm)

Optimal time to mow - before the heat of the day.



Mid Day (1pm-4pm)

It is fine to mow your lawn in the middle of the day but it is not optimal.



Late Afternoon (4pm-6pm)

A great time to mow your lawn. The temperature will be cooler causing less stress for your lawn.



Early Evening (6pm-8pm)

This is not optimal time because your lawn needs time to recover before nightfall.

How Does Mulching Work?

Mulching is the intelligent way to keep your lawn healthy. This is when the grass clippings are cut into fine pieces which then fall back into the soil. These fine pieces are rich in nutrients and act as a natural fertiliser. This will keep your lawn healthy.

Go to page 22 to find out how to use the mulching feature.

HYUNDAI
POWER PRODUCTS

For Inquires, Please Contact:

Trade Tested Limited
PO Box 9117, Newmarket, Auckland 1149, New Zealand
0800 800 880
support@tradetested.co.nz
www.tradetested.co.nz