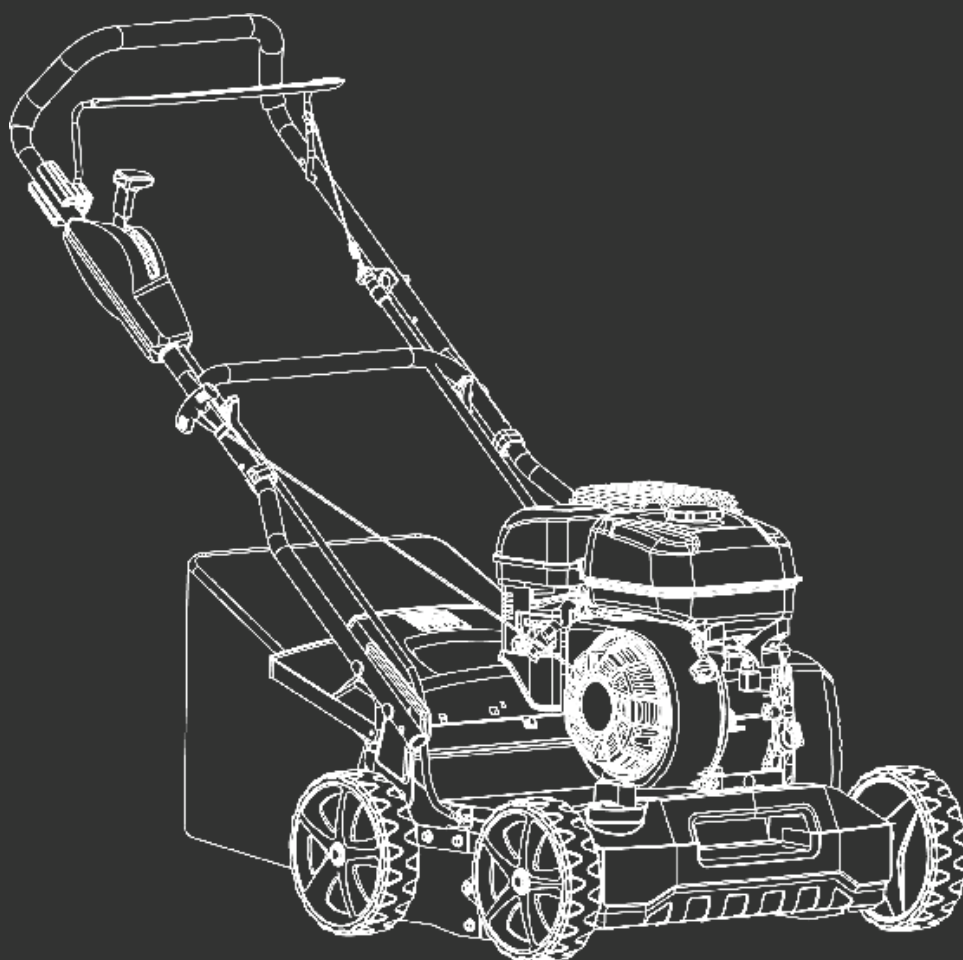


HYUNDAI
POWER PRODUCTS



PETROL LAWN SCARIFIER & AERATOR HYSC210

Instruction Manual



Introduction

Thank You For Purchasing Your HYUNDAI Product

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

Important!



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

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

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

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



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General Safety

Safety

No list of safety guidelines can be complete. Every environment is different. Always consider safety first, as it applies to your individual working conditions. Use this and other machinery with caution and respect. Failure to do so could result in serious injury, damage to equipment, or poor work results.

Some or all of the following - warning signs and symbols may appear throughout this manual. You **MUST** adhere to their warnings. Failure to do so may result in personal injury to yourself or those around you.

DANGER

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

WARNING

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

CAUTION

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

Understand Your Machine

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



General Safety

Personal Safety

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



General Safety

⚠ 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.
- 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.
- 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.
- Do not tamper with or disable safety systems.
- Only use manufacturer-recommended attachments.
- Before using, always visually inspect to see that the tools are not worn out or damaged. Replace worn out or damaged elements and bolts in set to preserve balance.
- Keep the machine in good operating condition. Operating the machine in poor or questionable condition could result in serious injury.
- Be sure all safety devices are in working order and warning labels are in place. These items are installed for your safety.



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. Do not work at night, at times of heavy fog, or at any other times when your field of vision might be limited and it would be difficult to gain a clear view of the area.
- Keep people, children and animals away from the working area.
- Operate on flat, level ground.
- DO NOT work on wet ground. If there has been heavy rain on the working site, wait until the ground has dried up.
- You must pay special attention when approaching obstacles that could compromise visibility.
- Exercise extreme caution when changing direction on slopes. 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 machine to slide sideways or make you lose control of it. Avoid driving on slopes steeper than 15%. Make sure on slopes you have a steady foothold.
- 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.
- Never park the machine in a place with unstable ground which could give way.
- 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.
- Pay the utmost attention when working on frozen ground as the machine may tend to skid.
- Do not work in the rain, when there is a thunderstorm or lightning risk, at times of strong or gale force winds, or at any other times when the weather conditions might make it unsafe to use this product. If there is bad weather conditions, do not use the machine.



For Safe Operation

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.
- Do not operate the machine in confined areas where there may be a risk of crushing the operator between the machine and another object.
- Walk, never run with the machine. 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.
- **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.
- Disengage clutch lever before starting the engine.
- Use extreme caution when reversing or pulling the machine backwards.
- Do not carry passengers.
- Never operate the machine at a fast pace.
- 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.
- After striking a foreign object, stop the engine immediately, remove the spark plug cap and inspect the machine thoroughly for damage. Repair the damage before continuing.
- Never attempt to make any adjustments, while the engine is running.
- Never attempt to move the machine in any way other than intended for normal use while the engine is running.
- Factory-fitted control devices, such as the handle-mounted clutch cable, must not be removed or exposed.



For Safe Operation

⚠ During Use (Continued)

- 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.
 - 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.
 - When transporting the machine.
 - Whenever you leave the machine unattended.
 - When crossing surfaces other than grass.
 - Before emptying the grass collector.
 - Before changing the cutting height.



Safety Information

⚠ 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.
- 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.
- 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 machine when starting the engine.



Safety Information

⚠ 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. **NEVER** use inside a confined space, such as but not limited to a house, garage, vehicle, boat or tent. **ONLY** use outside and far away from windows, doors and vents.

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.



Safety Information

⚠ 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 and overalls.
- To avoid sparking or arcing, keep grounded conductive objects – such as tools – away from exposed, live electrical parts and connections. These events could ignite fumes or 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.
- Serious personal injury can occur when petrol is spilled on yourself or your clothes. Rinse your skin and change your clothes immediately.

Spilled Fuel

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



Safety Information

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

Storage

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



Safety Information


⚠ 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.



Safety Information

⚠ 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.



Safety Information

⚠ Vibrations (Where Applicable)

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

⚠ Noise (Where Applicable)

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



- See Certificate of Conformity section for Outdoor Noise declaration of conformity.



Safety Information

⚠ Personal Protective Equipment

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

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



HAND PROTECTION MUST BE WORN

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



FOOT PROTECTION MUST BE WORN

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



HEARING PROTECTION MUST BE WORN

Suitable safety hearing protection is recommended.



EYE PROTECTION MUST BE WORN

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



PROTECTIVE CLOTHING MUST BE WORN

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



HEAD PROTECTION MUST BE WORN

Wear a safety helmet with a safety visor.



FACE SHIELD MUST BE WORN

Wear a face shield to protect your face.



RESPIRATOR MUST BE WORN

Wear a respirator.



Safety Information

Getting To Know The Machine

Machine Description And Scope Of Application

The HYSC210 is a petrol lawn scarifier from Hyundai, ideally suited for small to medium sized lawns. The HYSC210 has a working width of 400mm and is powered by a 212cc 4-stroke OHV petrol engine.

This machine is a garden tool and precisely a pedestrian controlled scarifier. 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 scarifier is manufactured according to the latest safety requirements. These include the OPC lever which stops the engine when you let go of the lever. Every precaution is only effective when it is followed exactly.

These include the OPC lever which stops the engine when you let go of the lever.

Intended Use

The basic version of the equipment is a scarifier intended for private use, i.e. for use in home and gardening environments. The scarifier roller is designed for ripping moss and weeds out of the soil and for loosening the soil. As a result your lawn can absorb nutrients better and is cleaned. We recommend you to scarify you lawn in the spring and autumn.

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 scarifier
- letting yourself be transported by the scarifier
- using the machine to tow or push loads
- using the machine for leaf or debris collection
- use of the machine by more than one person
- using the scarifier on surfaces other than grass



Safety Information

Symbols On The Machine

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



CAUTION!
Handle carefully.



DANGER OF THROWN OBJECTS!
Keep all bystanders and animals at least 15 metres away from the machine during operation. If approached, stop the machine immediately.



DANGER!
keep hands and feet away from cutting parts.



DANGER!
Engine exhaust fume 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.



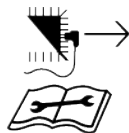
PROTECT FROM MOISTURE
Do not expose the product to rain or wet conditions.



HEARING PROTECTION
Suitable safety hearing protection is recommended.



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



WARNING!
Remove the spark plug cable from the spark plug before commencing maintenance work. Always read instructions before carrying out any repair or maintenance.



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



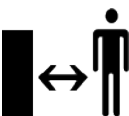
EYE AND HEARING PROTECTION
Always wear safety glasses/goggles and/or face shields. Everyday eyeglasses have only impact resistant lenses; they are not safety glasses/goggles. Suitable safety hearing protection is recommended.



EYE PROTECTION
Suitable safety hearing protection is recommended.



CE SYMBOL
This product complies with the applicable European directives and an evaluation method of conformity for these directives was done.



DANGER AREA
Keep away from the danger area.

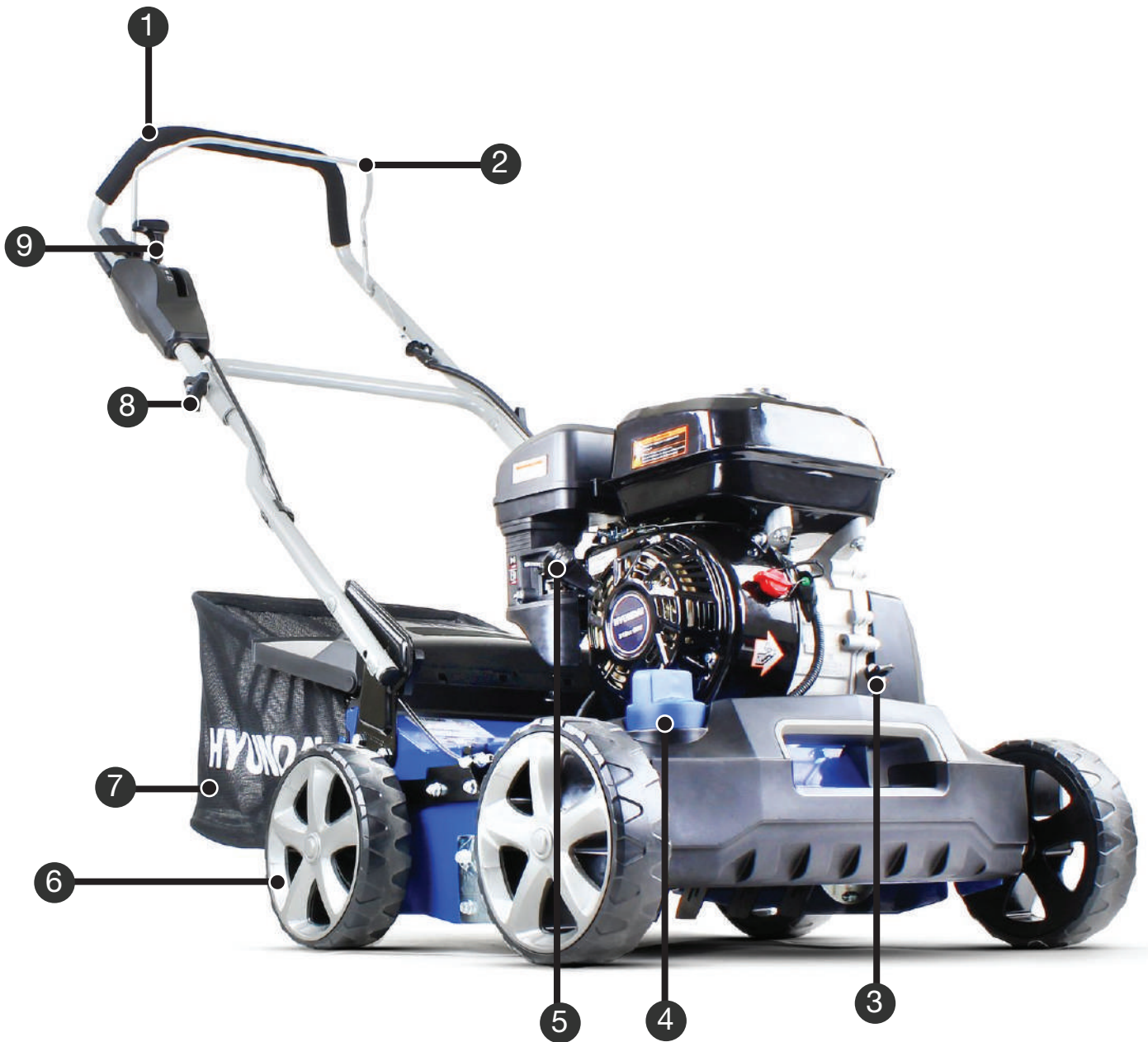


TRANSPORT LEVER HEIGHT ADJUSTMENT
Always lift the blade up when turning or moving the machine.



Features

HYSC210 Features



Features

HYSC210 Features

- 1 **Soft Grip Handle**
- 2 **Operator Presence Control (OPC) Lever**
This is a safety feature. The machine will stop if you let go of this lever.
- 3 **Oil Filler / Dipstick**
- 4 **Working Depth Height Adjustment Knob**
- 5 **Recoil Starter Handle**
- 6 **Wheel**
- 7 **Grass Collector**
- 8 **Handle Quick Release**
- 9 **Transport Lever**



Unboxing

⚠ Unboxing Safety

⚠ 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.

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

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.

Ensure that you have all the accessories and tools you need for assembly and operation including the suitable personal protective equipment.

Box Contents

- **HYSC210 Petrol Scarifier**
- **Aerator Attachment**
- **45L Grass Collector**
- **Assembly Tools**
- **User Manual**



Assembly Safety

⚠ 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 – 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.

⚠ NOTE - The machine may be supplied with some parts already assembled. Prior to assembly, check all items have been received. The mulching plug may already be installed for transport.

⚠ 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.

We recommend that you fill out the information on page 62. 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

Unboxing & Assembly Video:

Go to [youtube.com](https://www.youtube.com) and type in Hyundai HYSC210 assembly.

YOU MUST read and understand the instruction manual first.

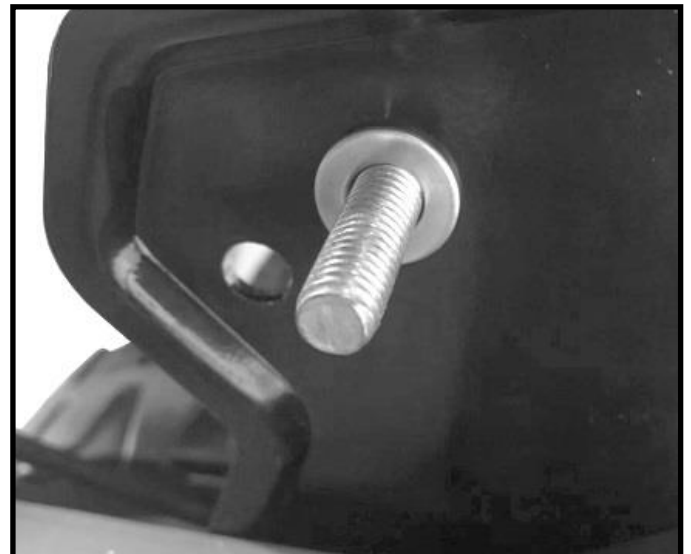
Step 1 : Assemble Handle Bars

- 1 Attach the lower handle to the mounting bracket on the scarifier deck by sliding the bolt through the lower handle bar and through one of the 2 different handlebar height holes on the mounting bracket. **See image 1.**
- 2 Place a washer over the bolt. **See image 2.**

Image 1



Image 2

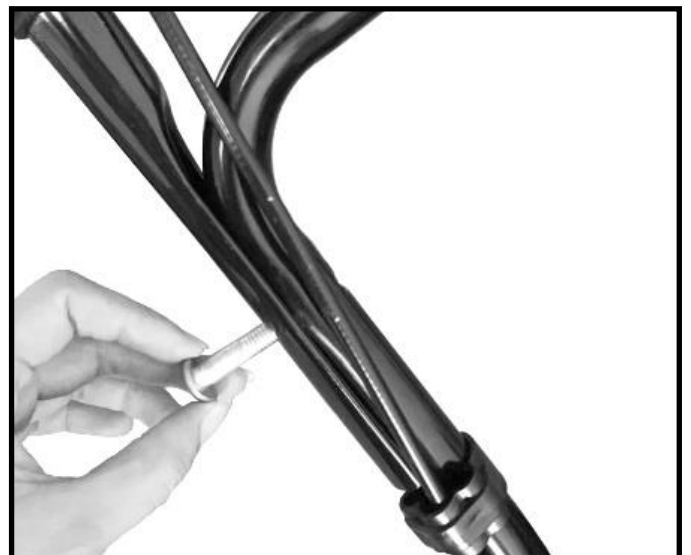


- 3 Secure in place with the hand wheel and tighten securely. **See image 3.**
- 4 Attach the upper handle to the lower handle by sliding the bolt through both handlebars. **See image 4.**

Image 3



Image 4



Assembly

- 5 Place the washer over the bolt. **See image 5.**
- 6 Secure in place with the hand wheel and tighten securely. **See image 6.**

Image 5



Image 6



- 7 Slowly pull the recoil starter handle up to the handle retaining loop. **See image 7.**

Image 7



Assembly

Step 2 : Attach Grass Collector

- 1 Lift the rear discharge flap and hook the grass catcher over the back of the scarifier.
See image 1.
- 2 Manoeuvre the grass collector into position ensuring it is hooked firmly in place.
See image 2.
- 3 Lower the rear discharge flap until it rests on the grass collector.
See image 3.

Image 1



Image 2



Image 3

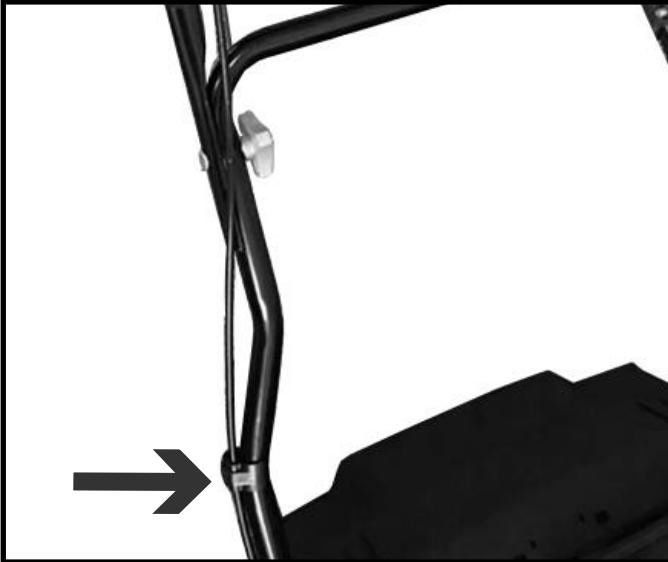


Assembly

Step 3 : Cable clips

- 1 Attach the cable clamp around the cable and fix to the handlebar.
See image 1.

Image 1



Assembly

Step 4 : Cable Attachment

NOTE - If you are stood behind the machine:

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

- 1 Gently prise the lever from its locating hole in the main handlebar. **See image 1.**
- 2 Insert the end of the cable in to the hole in the lever. **See image 2.**

Image 1



Image 2



- 3 Position the cable until it lies flat in the lever. **See image 3.**
- 4 Refit the lever back into its location hole on the main handlebar (lower hole). Check the cable lies flat and has not snagged on any other part of the scarifier. **See image 4.**

Image 3



Image 4



Preparation

Before Each Use

- Always ensure that the scarifier is in a safe working condition. Inspect the machine, check safety devices and guards and check all nuts, bolts and screws are secure.
- Check the oil level.
- Fill the fuel tank with unleaded petrol.
- 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.



Preparation

Adding Oil

Oil Type : SAE 30 or 15w40 Engine Oil
Oil Capacity : 600ml

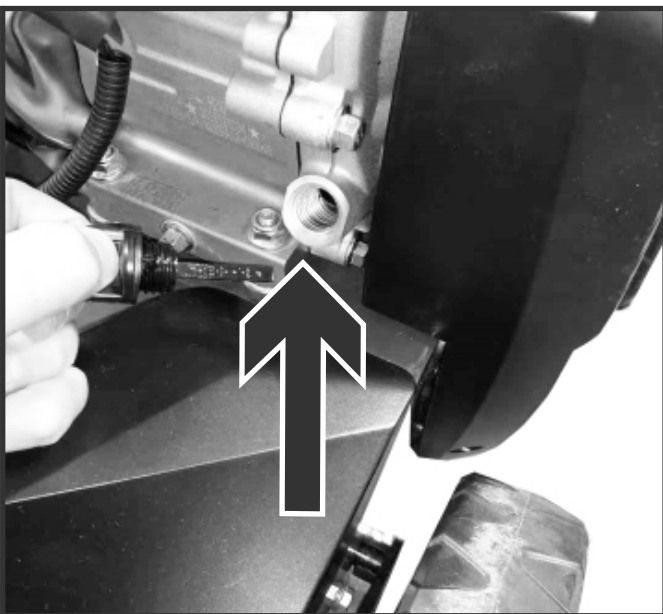
NOTE - The machine is delivered without oil in the engine. All machines are tested and inspected so there may be some residual oil left in the machine so please fill with caution.

- 1 Remove the oil filler cap.
- 2 Fill with fresh SAE 30 or 15W40 engine oil to the upper mark on the dipstick. Stop occasionally to check the level. **DO NOT** overfill.
- 3 Once the correct amount of oil has been added, refit the dipstick securely.



Checking Oil Level

- 1 Remove the oil filler cap and wipe the dipstick clean.
- 2 Remove the dipstick and check the oil level. It should be up to the upper mark on the dipstick.
- 3 If the oil level is too low, add SAE 30 or 15W40 engine oil to the upper mark on the dipstick. **DO NOT** overfill. The oil level should not be above the upper mark on the dipstick. If you do overfill, read the 'Changing / Draining Oil' section below for more information on draining oil.
- 4 Once the correct amount of oil has been added, refit the dipstick securely.



Preparation

Adding Fuel



Make sure you read the fuel safety before handling fuel.

Fuel Type : Fresh Straight Unleaded Petrol
Fuel Capacity : 3.6L

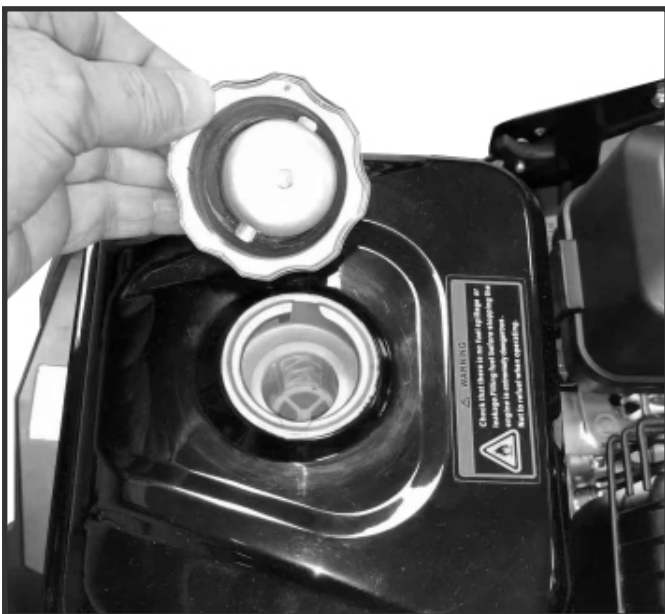
NOTE - The machine is delivered without petrol. All machines are tested and inspected so there may be some residual petrol left in the machine so please fill with caution.

- 1 Remove the fuel tank cap.
- 2 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.

NOTE - **DO NOT** overfill. The fuel tank only needs to contain enough fuel to complete the days work. 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.

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



Starting Procedure

⚠ YOU MUST read and understand the full safety instruction manual before starting the machine.

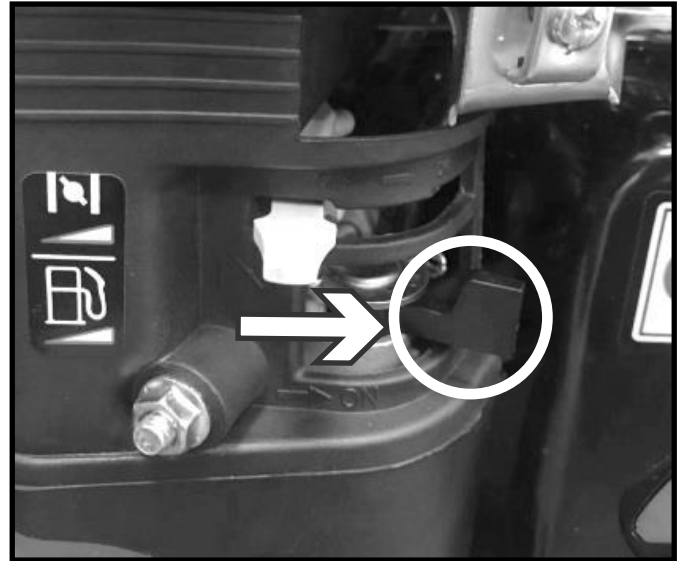
Cold Start

- 1 Turn the engine switch to the ON position. **See image 1.**
- 2 Move the fuel tap to the ON position. (Bottom lever to the right). **See image 2.**

Image 1



Image 2



- 3 Move the choke lever to the START position. (Top lever to the left). **See image 3.**
- 4 Pull back and hold the Operator Presence Control lever towards the main handle. **See image 4.**

Image 3

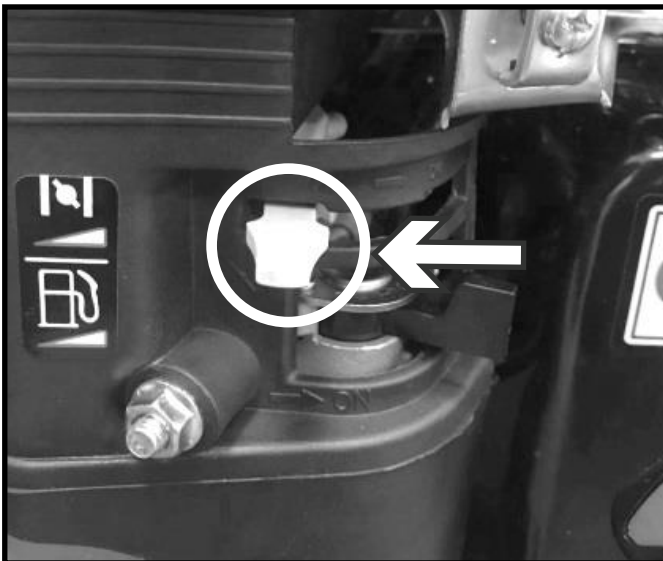
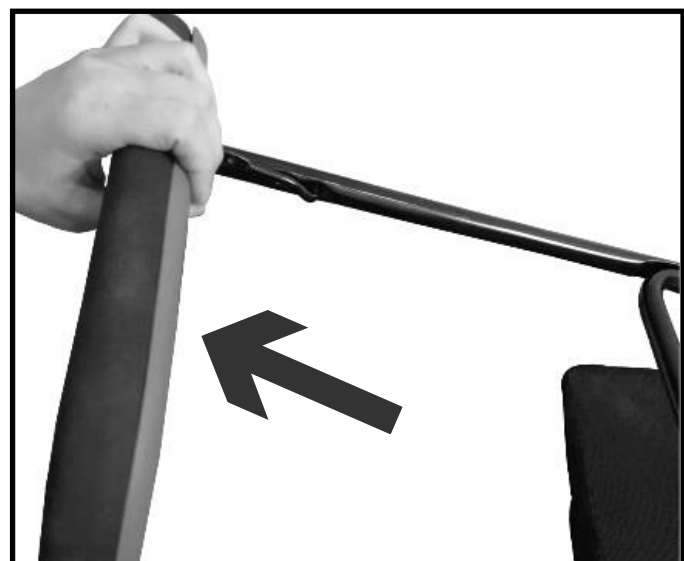


Image 4



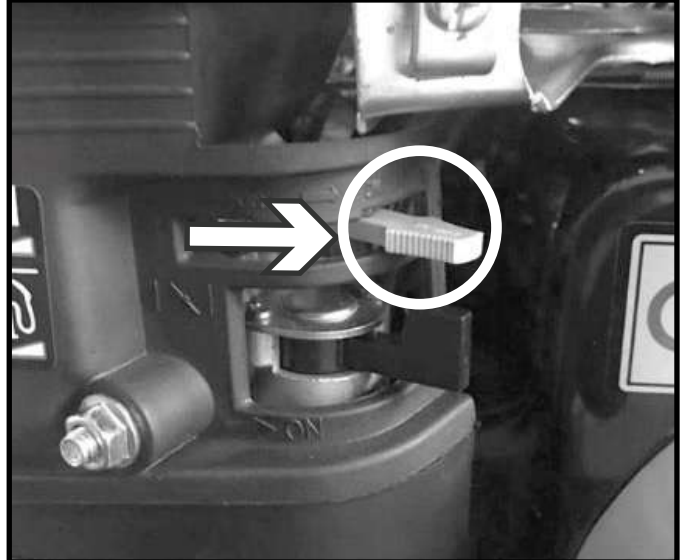
Starting Procedure

- 5 Gently pull the recoil starter handle until you feel resistance, then pull swiftly until the engine starts. **See image 5.**
- 6 When engine starts, move the choke lever back to the RUN position. **See image 6.**

Image 5



Image 6



Warm Start

- 1 Repeat the cold start procedure but leave the choke in the ON position.

Stopping Procedure

Stopping

- 1 Before stopping the machine, you must allow the engine to idle for 20 seconds. You do not need to do this if you need to emergency stop the engine.
- 2 Release the Operator Presence Control (OPC) lever and the engine will stop. **See image 1.**
- 3 Turn the engine switch to the OFF position. **See image 2.**
- 4 Move the fuel tap to the OFF position. **See image 3.**

▲ 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.

Image 1

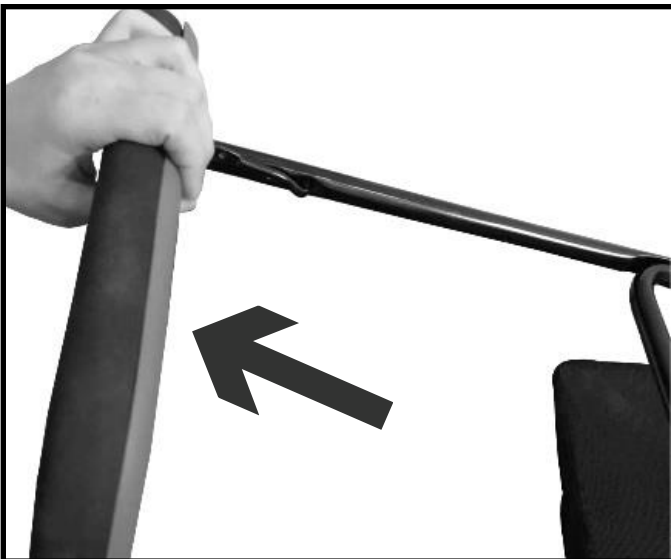
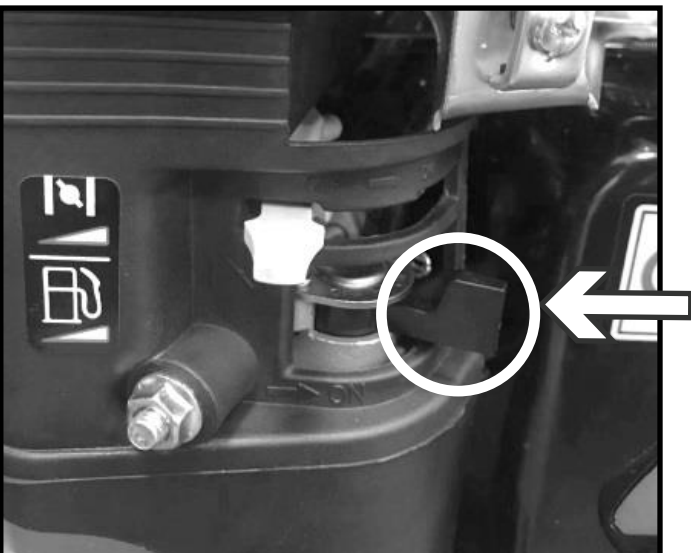


Image 2



Image 3



Operation

Adjusting Working Depth

⚠ CAUTION - Do not make any adjustment to the scarifier without stopping the engine first. The scarifier is equipped with a working depth adjustment lever offering multiple working depths.

- 1 To adjust the working depth, first stop the machine and switch the engine off.
- 2 Turn the working depth adjustment knob anti-clockwise to lower the blade or clockwise to raise the blade. **See image 1.**
- 3 Move the transport lever to the transport position when turning or moving the scarifier to stop the blades from touching the ground. **See image 2.**
- 4 Move the transport lever forward to lower the blade and start working. **See image 3.**

Image 1



Image 2



Image 3



What Is Scarification?

Scarification is the removal of moss, lawn clippings and dead grass blades from the stem of the grass to maintain a healthy growing environment. It is intensive airing of the lawn surface.

- Perfect for revitalising and reviving the most tired and spongiest of lawns.
- It is important to do this because the lawn gradually gets covered which results in a reduced amount of oxygen getting to the grass.
- The lawn will be able to absorb water better and it prevents water logging.
- Ventilation is important so that the lawn can absorb nutrients and it needs air to be able to breathe.

How Does It Work?

Before Scarification

Over time, your lawn collects lawn clippings, moss, etc. These create a seal and do not allow water, air and nutrients into the root of the grass.

During Scarification

Scarification removes moss, lawn clippings, and dead grass blades from the stem of the grass to maintain a healthy growing environment.

After Scarification

After scarification, the lawn will be able to absorb water and oxygen better. It will also absorb nutrients and your lawn will be able to breathe.

Scarification

The steel blades are specially designed to remove moss, thatch and dead grass. During use, the blades penetrate the ground to ensure the lawn absorbs nutrients better.

Aerating

The rake rotates and during aeration, the surface of the ground is scratched. This improves water drainage and the absorption of oxygen.

For Best Results

- For best results, your lawn should be scarified every 4-6 weeks.
- We recommend scarifying the lawn in Spring and Autumn.
- We recommend aerating the lawn during the entire growing period.



Troubleshooting

NOTE - Where necessary, all corrective actions should be carried out by suitably qualified persons.

Problem	Possible Cause	Possible Corrective Action
Engine does not start	Throttle choke is not in the correct position	Move throttle choke to correct position
	Fuel tank is empty.	Fill tank with fuel
	Air cleaner element is dirty.	Clean air cleaner element
	Spark plug loose.	Tighten spark plug.
	Spark plug wire loose or disconnected from plug.	Install spark plug wire on spark plug.
	Spark plug gap is incorrect.	Set correct gap between electrodes.
	Carburetor is flooded with fuel.	Remove air cleaner element and pull starter rope continuously until carburetor clears itself and install air cleaner element.
Motor speed drops off	Faulty ignition module.	Contact the service agent.
	Depth of cut too great	Set to smaller depth of cut
	Grass too high	Mow the lawn before scarifying
	Ejector channel blocked	Pull out spark plug connector, remove blockage
	Air filter clogged	Clean air filter
	Depth of cut too small	Set to correct depth of cut
	Worn cutting blades	Having cutting blades replaced in a specialist work ship
	Grass catcher is full/clogged	Stop scarifier. Unload grass catcher or clean it
	Ejector channel blocked	Pull out spark plug connector, clean ejection channel
	Bolts, nuts or other mounting parts slack.	Tighten parts.
Cutting assembly is loose.	Tighten parts.	



Technical Data


Specifications


Model	HYSC210
Engine Type	Single Cylinder OHV
Engine Size	212cc
Nominal Power	4kW
Engine Speed	2800rpm
Fuel Tank Capacity	3.6L
Fuel Type	Unleaded Petrol
Oil Tank Capacity	600ml
Oil Type	SAE 30 or 15W40 Engine Oil
Working Width	400mm
Grass Collector Capacity	45L
Height Adjustment	+5mm to -15mm
Measured Noise Level	101dB(A)
Guaranteed Noise Level	105dB(A)
Vibration Value	5.37m/s ² K=1.5m/s ²
Net Weight	39kg
Dimensions (L x W x H)	1260 x 610 x 1070mm



Maintenance & Care

Maintenance Safety

 **1. WARNING** - Before cleaning or doing maintenance work, you need to 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.

 **2. WARNING** - 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.

3. 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 scarifier'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.

4. Disconnect the spark plug cable and check for damage after each use.

5. To be sure the machine is in safe working condition, keep all nuts, screws and bolts tight. Routine maintenance is essential for safety and for maintaining a high performance level.

6. On a regular basis, check that the blades screws are properly tightened.

7. When handling, disassembling and re-assembling the blade, make sure to wear work gloves.

8. Keep the blade well balanced during sharpening. 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.

9. 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.

10. 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.

11. Check the grass collector frequently. Replace if damaged.

12. If any warning message stickers or instruction is damaged, replace them.

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

14. 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.



Maintenance & Care

Maintenance Safety (Continued)

- 15.** Engine must be cooled down before storing.
- 16.** 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.
- 17.** To reduce fire hazards, check there is no oil and/or fuel leaks on a regular basis.
- 18.** If you need to empty the fuel tank, this should be done outdoors once the engine has cooled down.



Maintenance & Care


Routine Maintenance

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

Always stop the engine and unplug the spark plug before doing any repairs or maintenance.

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.

1. Wear strong protective gloves before cleaning, maintaining or making adjustments to the scarifier.
2. You must remove grass and mud from the machine to prevent it from drying. This will cause problems the next time the scarifier is used.
3. 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.
4. If you need to access the lower part of the scarifier, you must tilt the scarifier with the air filter facing up, following the relevant instructions, making sure that the machine is stable before performing any interventions.
5. Make sure not to drip petrol onto the plastic parts to prevent damaging them and remove all traces of spilled petrol immediately. The warranty will not cover damage to plastic parts caused by petrol.
6. 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. The oil can be discharged at a specialised servicing centre, or by using a 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. Remember to top-up with oil before using the machine again.
7. Lubricate the wheel bearings with a suitable lubricant.
8. It is necessary as part of routine maintenance to adjust the OPC (Operator Presence Control) cable tension to ensure the machine 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.

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

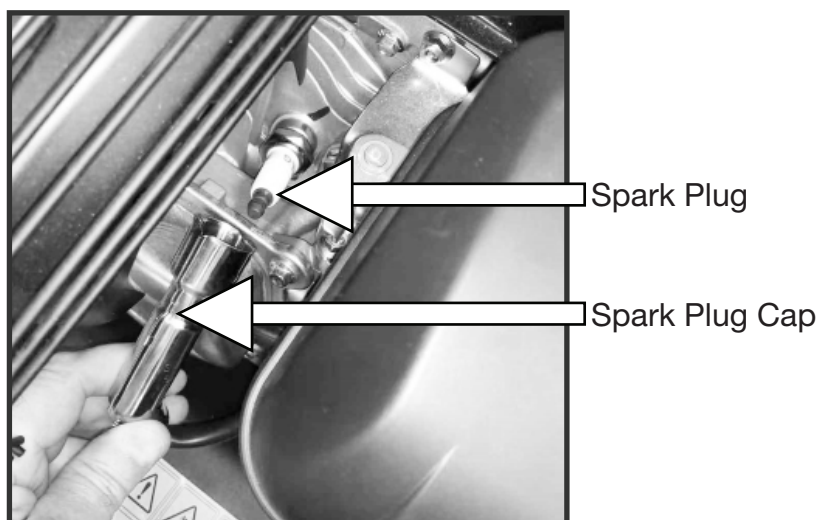
Maintenance & Care

Spark Plug

- 1 You **MUST** allow the engine to cool down before carrying out any maintenance.
- 2 Always replace with the same model spark plug as fitted.
- 3 Remove the spark plug HT lead cap. Undo the spark plug from the engine and remove.
- 4 Visually inspect the spark plug for signs of damage, wear or carbon build up. If damaged or worn, replace immediately.
- 5 To clean the spark plug, gently clean the electrode with a soft wire brush.
- 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.
0.028" to 0.031"
0.70mm to 0.80mm



- 7 Refit the cleaned and adjusted spark plug by hand to avoid cross threading then lightly tighten with a plug spanner.
- 8 Re-attach the spark plug HT lead cap.



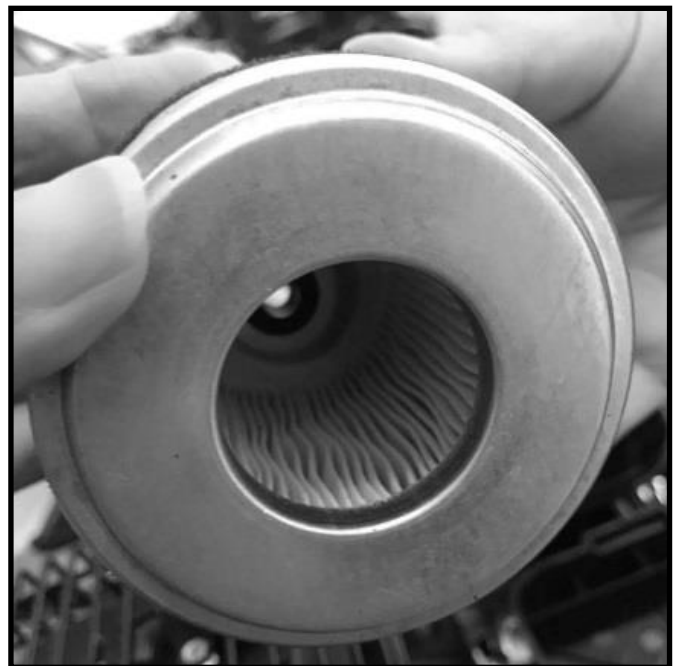
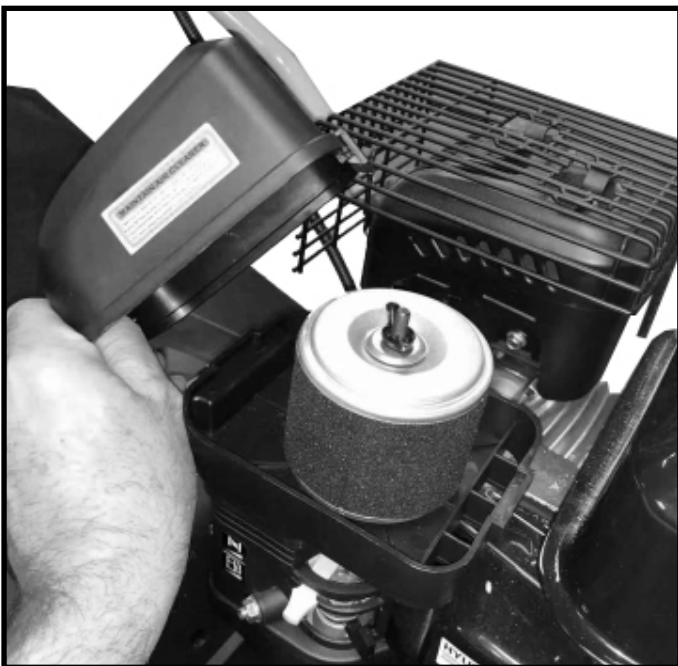
Maintenance & Care

Air Filter

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

When using the machine 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.

- 1 Push the quick release latches at each end to remove the air filter cover.
Remove the air filter element.



- 2 Inspect the air filter and if it shows any signs of damage or wear, replace immediately.
- 3 To clean the element, blow air through it using an air gun not exceeding 30psi. NEVER use a brush to clean the filter, it will only drive the dirt into the fibres of the filter. Wipe any dirt from the air cleaner body using a moist cloth, be careful to prevent dirt or debris entering into the carburetor.
- 4 Refit the air filter and replace the air filter cover.

Maintenance & Care

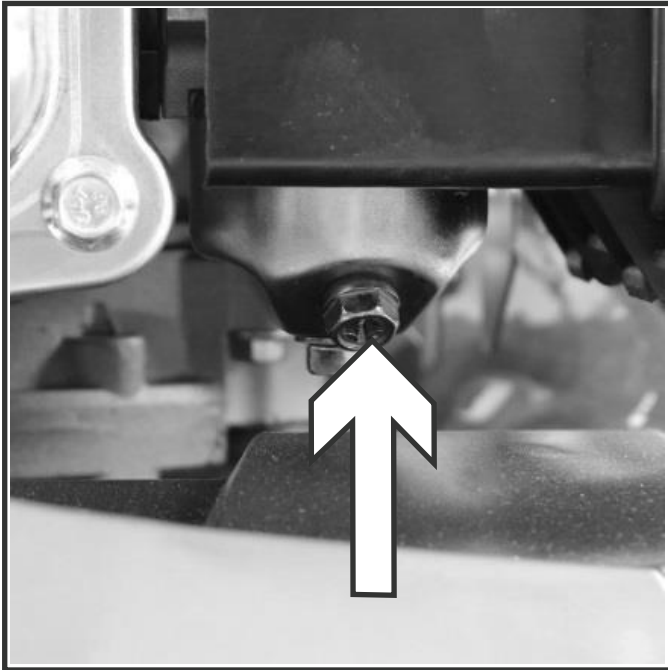
Fuel & Carburetor



CAUTION - ALL FUELS ARE FLAMMABLE. Always fuel and defuel in a well-ventilated area outside of buildings. Always wear correct PPE and wipe up and spills immediately.

The use of old or stale petrol will impair the starting and running of the machine.

- 1 Make sure that the machine has fresh unleaded petrol and always remove the fuel before storing for long periods of time.
- 2 To drain the carburetor, clamp the fuel pipe leading into the carburetor.
- 3 Undo the drain bolt on the carburetor float bowl and allow the fuel to drain into a suitable container. Take care not to spill fuel and make sure that all spilt fuel is cleared away safely.
- 4 Refit the drain bolt, remove the fuel pipe clamp and refill with fresh unleaded petrol.



Maintenance & Care

Blade Removal

⚠ CAUTION - Drain the machine of fuel before removing or replacing the blade. **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 Undo the 4 bolts on the side of the machine. **See image 1.**
- 2 Remove the shaft securing bracket and slide the blade out in the direction of the arrow. **See image 2.**
- 3 To reinstall, slide one end of the blade into the hexagonal locating socket. **See image 3.**
- 4 Refit the shaft securing bracket and bolt back in to place. **See image 4.**

Image 1

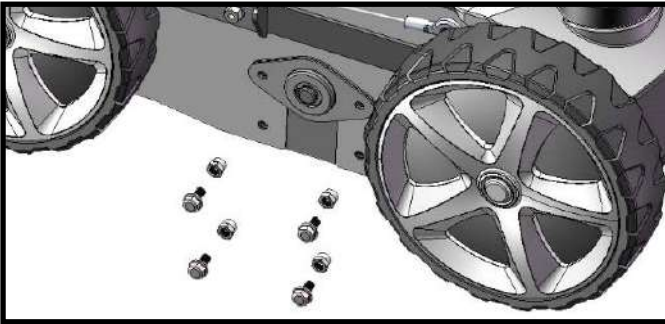


Image 2

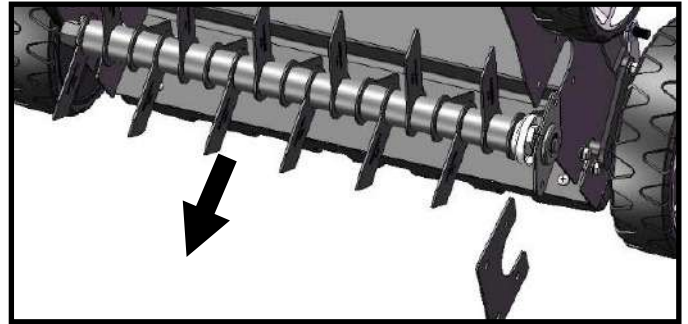


Image 3

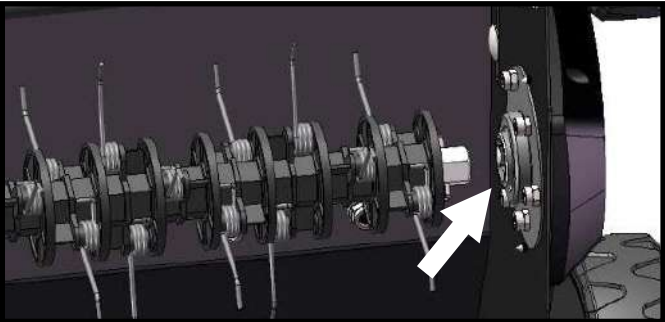
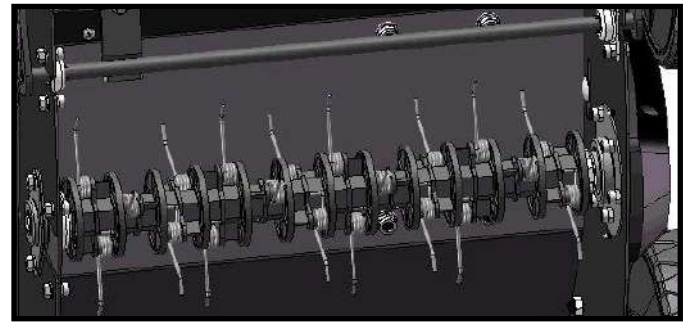


Image 4



Maintenance & Care

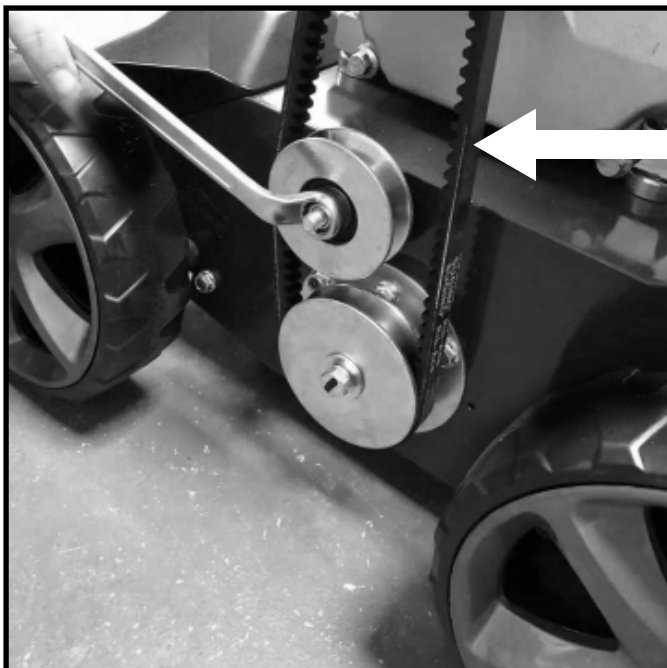
Check Belt Tightness

- 1 Using a 6mm hexagonal key, undo the bolt at the top of the belt guard.
- 2 Using a Phillips screwdriver, remove the two screws at the bottom of the belt guard.




- 3 Check belt tension (arrowed). There should be 10-15mm of movement. To tighten belt, loosen the centre pulley bolt and push pulley towards the front of the scarifier to take up slack and re-tighten centre bolt.

Do not over-tighten belt. Re-fit guard before use.



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 plug lead disconnected.

- Wipe the machine down with a damp cloth after every use.
- For larger build ups of debris, use a scraper or similar product.
- Dry the machine completely to prevent rust from forming.
- Use a light silicone spray on exposed metal parts to protect the metal.
- 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.


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 do not cause petrol leaks, damage or injuries.
2. During transport, make sure to fasten the machine securely with cables or straps.



Maintenance & Care

Storage

 **CAUTION** - When storing the machine, make sure it has been cleaned as in the section before.

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

The following steps should be taken to prepare your scarifier for storage.

1. Drain all the fuel from the fuel tank and then run the scarifier until it has completely run out of fuel to clear the remaining fuel from the fuel lines and carburetor.
2. Drain the oil from the engine.
3. Follow the cleaning instructions as set out in the previous section.
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.
5. Clean the machine completely and make sure all moving parts are lubricated with a light silicone based spray or grease.
6. Drain and replace with new SAE 30 or 15w40 engine oil, fill to the upper mark on the dipstick.
7. Remove the spark plug and pour 1 teaspoon of fresh engine oil down the cylinder bore. With the spark plug still removed, 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.
9. Refit the spark plug.
10. Visually inspect the machine and replace or repair any worn parts.
10. Once all work above is carried out store the machine in a clean, cool and 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.
11. Do not stack other items on top of the machine when in storage.
12. 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.

NOTE - If you are folding the handles forward, take care not to snag the cable.



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.

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.



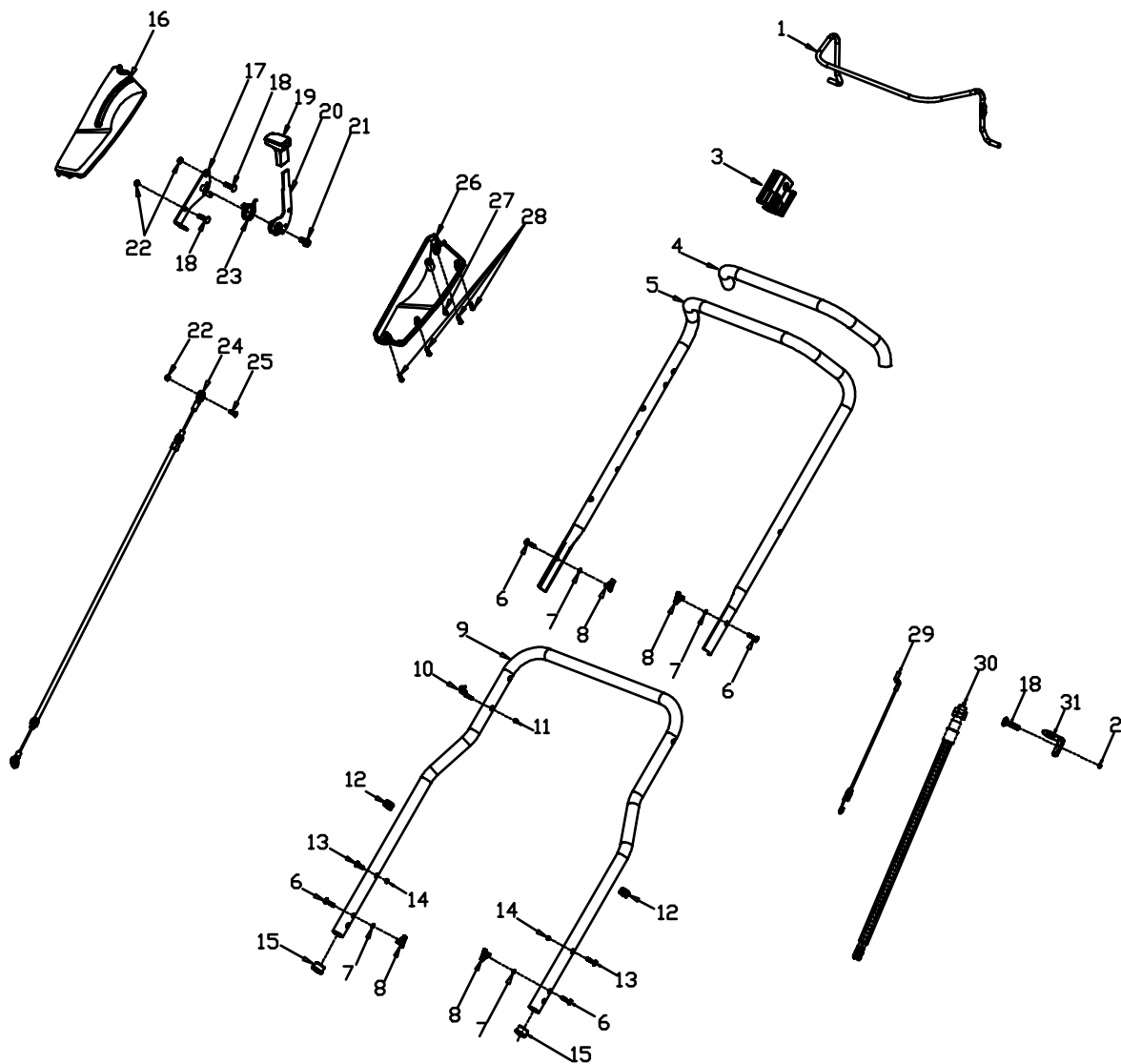
Spare Parts

Ordering Spare Parts

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

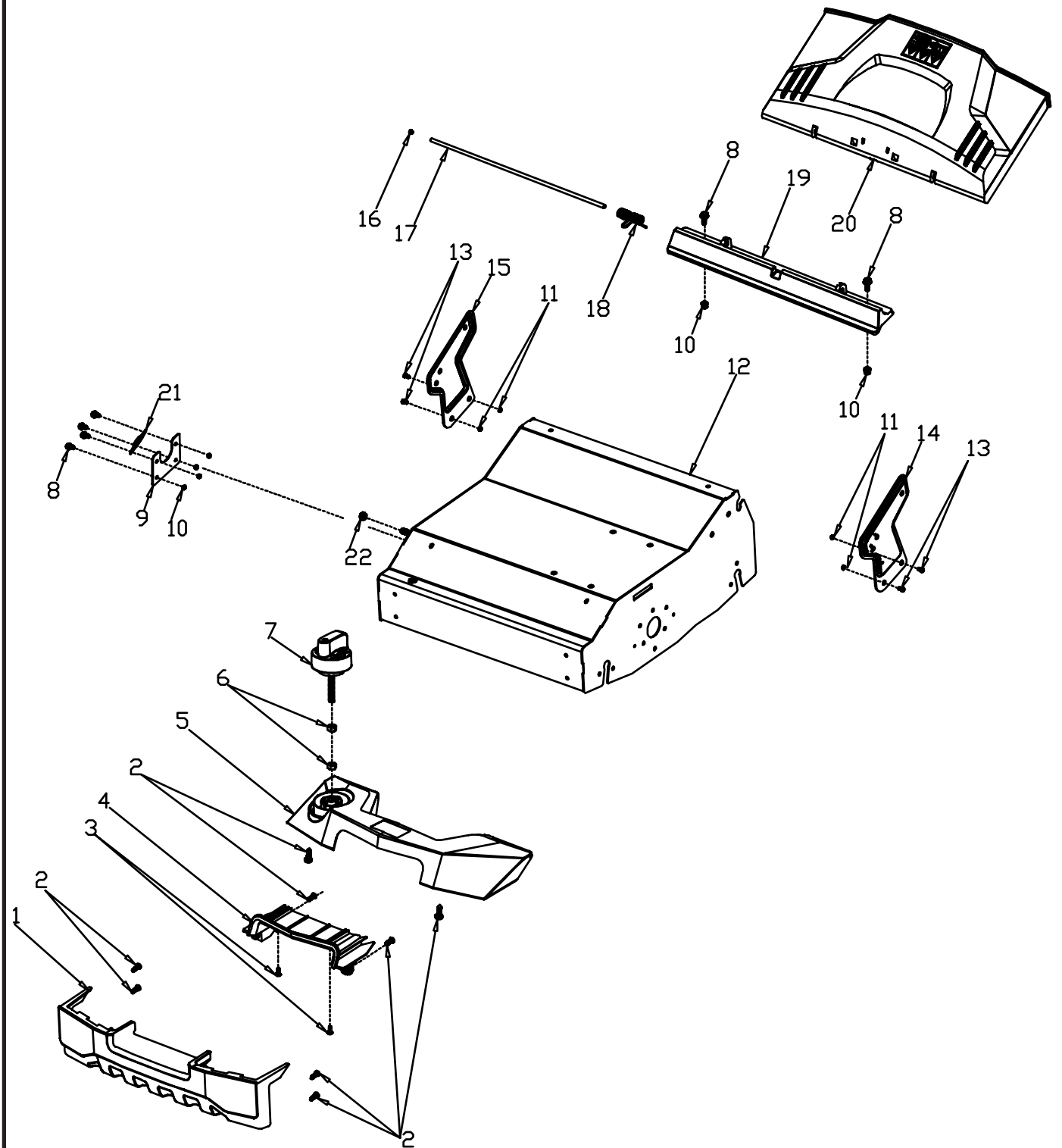
- 1 Find the part you are looking for in the drawings.
- 2 Information about the parts can be found in the tables or visit power-spares.co.uk
- 3 Use this information to order the part.
- 4 Contact us if you need help finding the correct part.

Drawing A



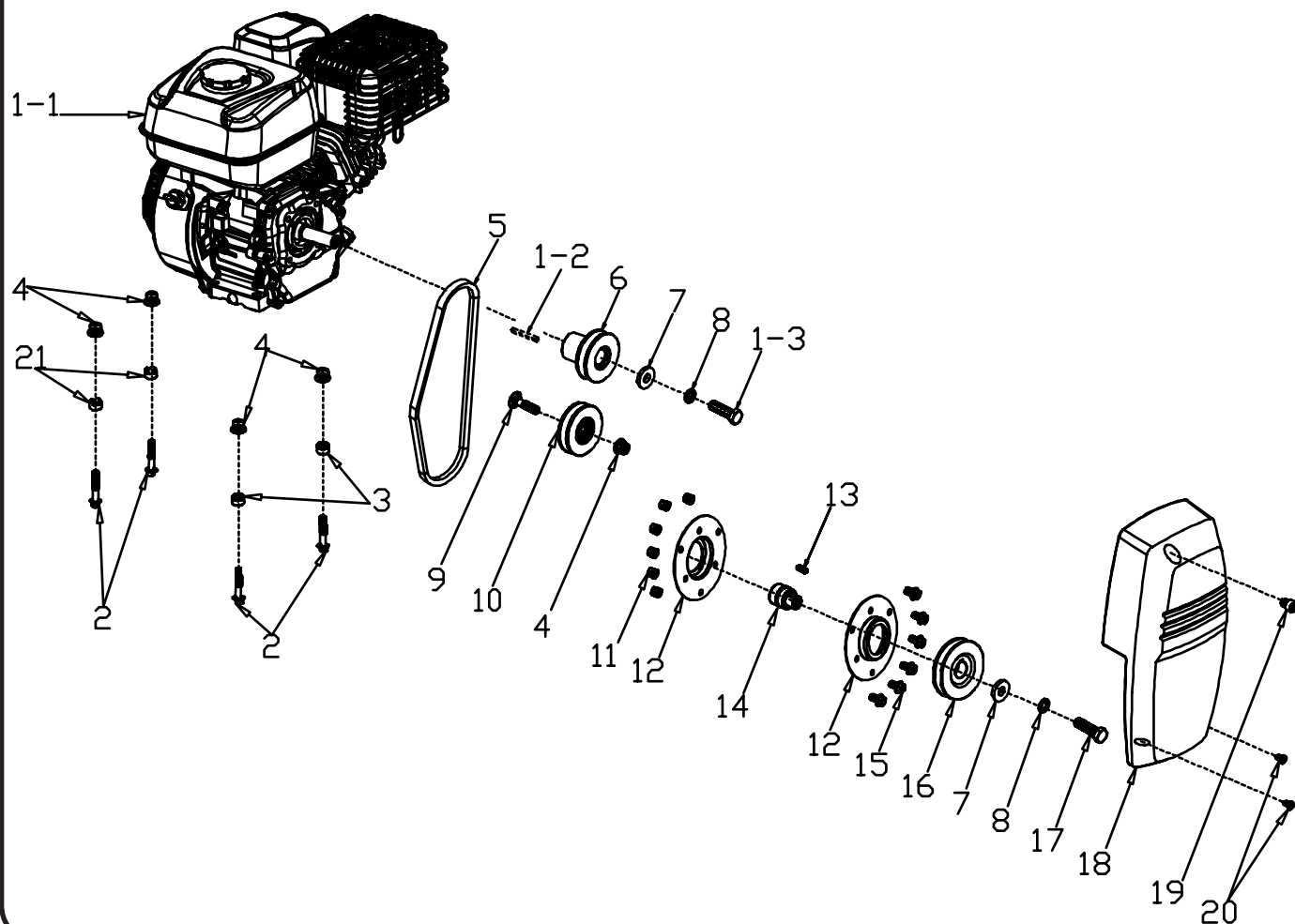
Spare Parts

Drawing B



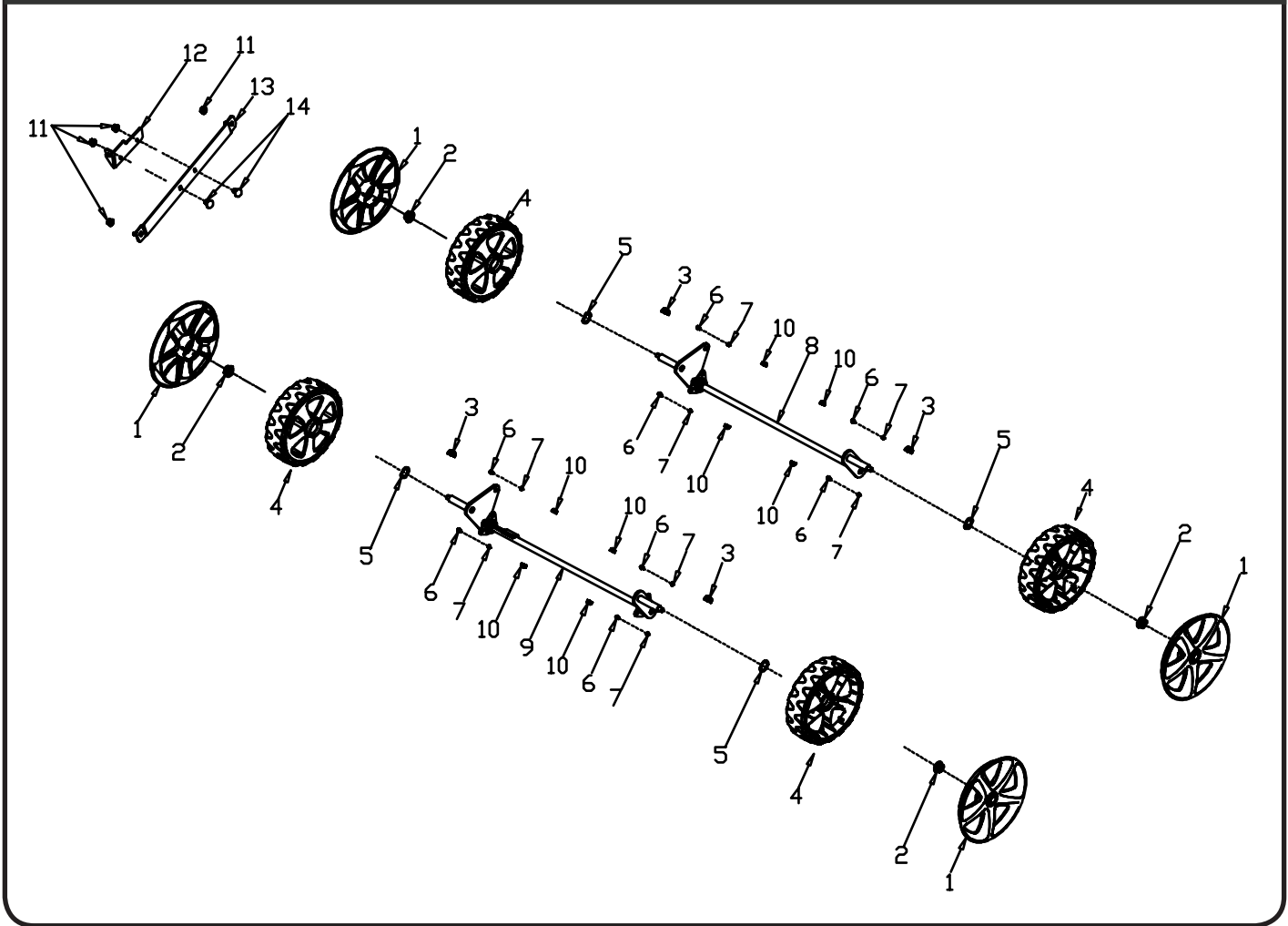
Spare Parts

Drawing C

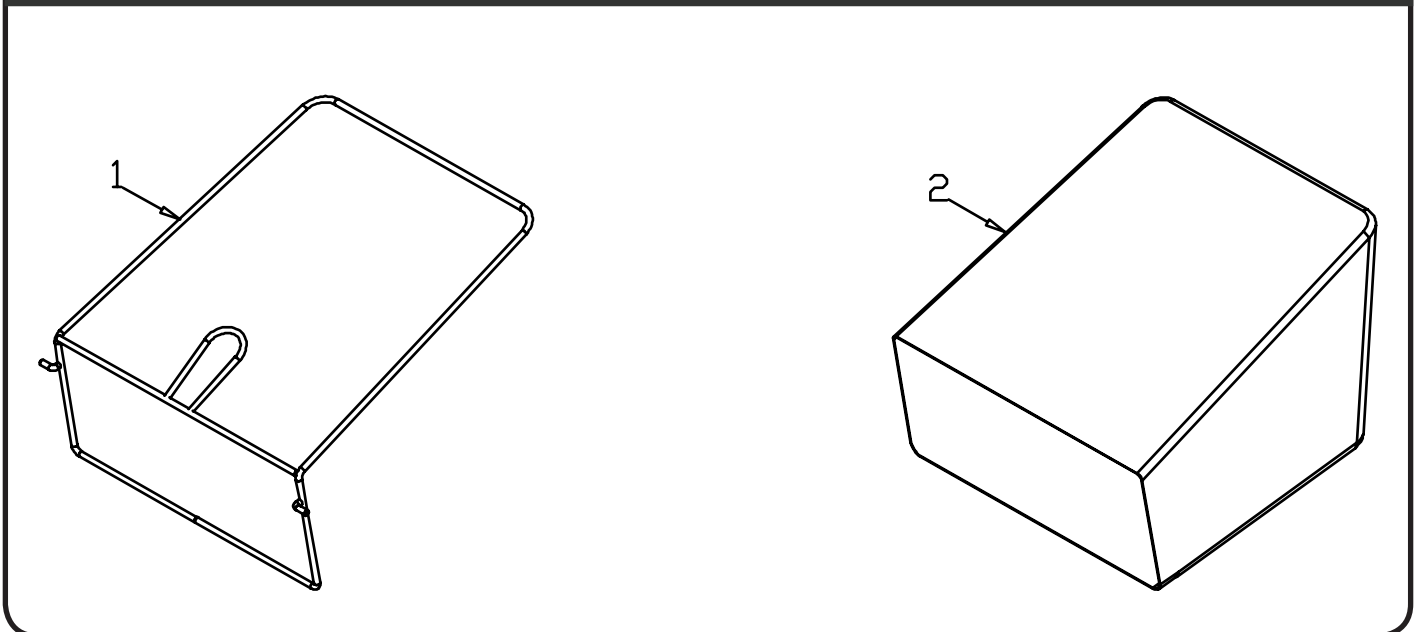


Spare Parts

Drawing D



Drawing E



Spare Parts

Drawing A

Drawing Number	Spare Part Name	Part Number
HYSC210-A01	Brake Lever	1001001
HYSC210-A02	Nut	1001002
HYSC210-A03	Limiting Stopper	1290002
HYSC210-A04	Foam Pipe	1290003
HYSC210-A05	TS40 Upper Handle	1001005
HYSC210-A06	Bolt	1290006
HYSC210-A07	Flat Washer	1290007
HYSC210-A08	Knob	1290008
HYSC210-A09	TS40 Lower Handle	1001009
HYSC210-A10	Rope Guide	1001010
HYSC210-A11	Nut	1290033
HYSC210-A12	Cable Support	1290009
HYSC210-A13	Bolt	1001013
HYSC210-A14	Nut	1290011
HYSC210-A15	Handle Plug	1288008
HYSC210-A16	Upper Cover of Handrail Box	1001016
HYSC210-A17	Handle Base Plate Assembly	1001017
HYSC210-A18	Bolt	1001018
HYSC210-A19	Plastic Grip	1001019
HYSC210-A20	Height Adjustment Handle	1001020
HYSC210-A21	Bolt	1290090
HYSC210-A22	Nut	1290064
HYSC210-A23	Height Adjustment Spring	1001023
HYSC210-A24	Cable	1001024
HYSC210-A25	Bolt	1001025
HYSC210-A26	Lower Cover	1001026
HYSC210-A27	Screw	1286055
HYSC210-A28	Screw	1286019
HYSC210-A29	Brake Cable	1001029
HYSC210-A30	Brake Cable	1001030
HYSC210-A31	Fixed Plate	1001031



Spare Parts

Drawing B

Drawing Number	Spare Part Name	Part Number
HYSC210-B01	Front Handle Base	1001032
HYSC210-B02	Screw	1001033
HYSC210-B03	Screw	1001034
HYSC210-B04	Decoration Plate	1001035
HYSC210-B05	Upper Cover	1001036
HYSC210-B06	Nut	1286073
HYSC210-B07	Knob	1001038
HYSC210-B08	Bolt	1290062
HYSC210-B09	Plate	1001040
HYSC210-B10	Nut	1001041
HYSC210-B11	Nut	1290039
HYSC210-B12	Deck	1001043
HYSC210-B13	Bolt	1290052
HYSC210-B14	Left Bracket	1001045
HYSC210-B15	Right Bracket	1001046
HYSC210-B16	Plug	1290065
HYSC210-B17	Rear Cover Shaft	1001048
HYSC210-B18	Rear Cover Spring	1001049
HYSC210-B19	Pedestal of Rear Cover	1001050
HYSC210-B20	Rear Cover	1001051
HYSC210-B21	Cover	1001052
HYSC210-B22	Nut	1001053

Spare Parts

Drawing C

Drawing Number	Spare Part Name	Part Number
HYSC210-C01-1	Engine	1001054
HYSC210-C01-2	Flat Key	1001055
HYSC210-C01-3	Bolt	1001056
HYSC210-C02	Bolt	1001057
HYSC210-C03	Bush	1001058
HYSC210-C04	Nut	1001059
HYSC210-C05	Belt	1001060
HYSC210-C06	Pulley Wheel	1001061
HYSC210-C07	Flat Washer	1001062
HYSC210-C08	Spring Washer	1001063
HYSC210-C09	Bolt	1001064
HYSC210-C10	Tensioner Assembly	1001065
HYSC210-C11	Nut	1001066
HYSC210-C12	Flange Assy	1001067
HYSC210-C13	Flat Key	1001068
HYSC210-C14	Connecting Shaft Sleeve	1001069
HYSC210-C15	Bolt	1001070
HYSC210-C16	Pulley	1001071
HYSC210-C17	Bolt	1001072
HYSC210-C18	Belt Cover	1001073
HYSC210-C19	Screw	1001074
HYSC210-C20	Screw	1001075
HYSC210-C21	Bush	1001076



Spare Parts

Drawing D

Drawing Number	Spare Part Name	Part Number
HYSC210-D01	8" Outer Wheel Cover	1001077
HYSC210-D02	Nut	1290094
HYSC210-D03	Bush	1290119
HYSC210-D04	8" Wheel	1001080
HYSC210-D05	Spring Washer	1290089
HYSC210-D06	Bolt	1001082
HYSC210-D07	Nut	1001083
HYSC210-D08	Rear Axle	1001084
HYSC210-D09	Front Axle	1001085
HYSC210-D10	Shaft Sleeve	1290118
HYSC210-D11	Nut	1290112
HYSC210-D12	Fixed Plate	1001088
HYSC210-D13	Connecting Rod	1001089
HYSC210-D14	Bolt	1001090

Drawing E

Drawing Number	Spare Part Name	Part Number
HYSC210-E01	Metal Bracket	1001091
HYSC210-E02	Fabric Bag	1001092

Drawing F

Drawing Number	Spare Part Name	Part Number
HYSC210-F	Blade Assy	1001093

Drawing G

Drawing Number	Spare Part Name	Part Number
HYSC210-G	Sprung Claw Assy	1001094



Our Product Range

Generators

Leisure Inverter, Petrol, Diesel And Built-In Motorhome Generators

Pressure Washers

Petrol, Diesel And Electric Pressure Washers

Water Pumps

Submersible, Clean And Dirty Water And Professional Chemical Water Pumps

Lawnmowers

Petrol, Cordless, Electric, Roller, Self Propelled, Electric Start And Robotic Lawnmowers

Grass Trimmers And Brush Cutters

Petrol, Cordless, Electric And Wheeled Grass Trimmers And Brush Cutters

Chainsaws

Petrol, Cordless And Electric Chainsaws

Hedge Trimmers

Petrol And Cordless Hedge Trimmers

Leaf Blowers

Petrol, Electric, Cordless, Backpack And 3 -in-1 Leaf Blowers

Log Splitters

Horizontal, Vertical, Petrol And Electric Log Splitters

Wood Chippers

Petrol And Electric Start Wood Chippers

Tillers

Petrol Garden Tiller And Cultivator

Earth Augers And Trenchers

Petrol Earth Augers And Heavy Duty Trenchers

Compactor Plates

Petrol Compactor Plates

Cement Mixers

Portable Electric Cement Mixers

Mini Dumpers

4-Wheel Drive Mini Dumpers And Tracked Dumpers

Yard Sweeper

Self Propelled Yard Sweeper Power Brush

Scarifiers

Petrol Lawn Scarifier And Aerator

Stump Grinders

Petrol 4-Stroke Stump Grinders

Welders And Plasma Cutters

MIG, TIG, MMA, ARC Welders And Plasma Cutters

Power Tools And Tool Chests

Electric And Cordless Power Tools And Filled Tool Chests

Vacuum Cleaners

Wet And Dry Vacuum Cleaners

Engines

Petrol And Electric Start Engines

Battery Chargers / Starters

6V, 12V, 24V Battery Chargers, Jump Starters And Hydraulic Floor Jack

Air Compressors

Home, Domestic, DIY And Professional Use Air Compressors

Lighting Towers

Mobile Lighting Towers With Diesel Generators

Portable Power Stations

Camping Power Packs And Solar Chargers

And More

We Are Constantly Expanding Our Range With New Products

If you would like more information on any of these products, please contact our sales team on 01646 687880 or visit our website www.hyundaipowerproducts.co.uk



Useful Information

Check Out Our YouTube Channel

Our videos on YouTube include:

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

Go to www.hyundaisupport.co.uk or search 'Hyundai Power Products' in YouTube.

Warranty

Proof of purchase will be required before you make a warranty claim.

Full warranty terms and conditions can be found on the HYUNDAI POWER PRODUCTS website: www.hyundaipowerproducts.co.uk

Manual Updates

Our manuals are constantly being reviewed and updated. Should you find an error, omission or something unclear, please contact us for assistance.

We reserve the right to make any modifications without prior notice whenever necessary.

Our latest manuals are also placed online.

All our manuals can be downloaded at: www.hyundaipowerproducts.co.uk

Returning Your Product

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

Leaving A Review

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

To leave a review, please go to: uk.trustpilot.com/review/hyundaipowerequipment.co.uk

Ordering Spare Parts

You can find the part you are looking for in the 'Spare Parts' section of this manual or visit power-spares.co.uk



Declaration Of Conformity

EC Declaration of Conformity

We hereby declare that the machine detailed in this declaration complies to all the relevant provisions of the following EC directives.

- 2006/42/EC The Machinery Directive
- 2014/30/EU Annex II Electromagnetic Compatibility Directive
- 2016/1628/EC The Emission of Gaseous and Particulate Pollutants from internal Combustion engines
- 2000/14/EC Noise Emissions in the Environment by Equipment for use Outdoors.

And is in conformity with the applicable requirements of the following documents:

- EN ISO 3744:1995
- EN ISO 11094:1991
- EN 13684:2018
- EN 14982:2009

Delclaration for 2000/14/EC Noise Emissions in the Environment by Equipment for use Outdoors.

Notified Body for EC Directive 2000/14/EC TÜV Rheinland (Shanghai) Co., Ltd.

Model	Type	Cutting Width	Measured Sound Power	Guaranteed Sound Power	Engine speed (rpm)
HYSC210	Petrol lawn scarifier	400mm	101dB(A)	105dB(A)	3400

Product Details

Brand: Hyundai

Model: HYSC210

Description: Petrol lawn scarifier

Name and address of technical documentation holder and EU distributor:

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

Signed by:



Roland Llewellyn, Managing Director

Date: 10/12/2019



Product Information

Information

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

The model number and serial number can be found on the grey specification sticker on your machine.

Date Of Purchase:

Dealer Name:.....

Dealer Phone:.....

Model Number:.....

Serial Number:.....

Service Record

1st Service

Date Of Service.....

Next Service Due.....

2nd Service

Date Of Service.....

Next Service Due.....

3rd Service

Date Of Service.....

Next Service Due.....

4th Service

Date Of Service.....

Next Service Due.....



Need Help? Talk To Our Experts

Contact Us

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



Phone

Call our team on 01646 687880, open Monday-Friday 8.30am-5pm.



Email

aftersales@hyundaipowerproducts.co.uk



Online Live Chat

Go to www.hyundaipowerproducts.co.uk

Live chat is open Monday-Friday from 8.30am-5pm.



Post

Genpower Limited, Isaac Way, Pembroke Dock, Pembrokeshire, SA72 4RW, UK.



HYUNDAI

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