



USER MANUAL

SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWER

ITEM NO: 08228



PLEASE READ AND FULLY UNDERSTAND THE INSTRUCTIONS IN THIS MANUAL BEFORE OPERATION.
KEEP THIS MANUAL SAFE FOR FUTURE REFERENCE.

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1 Introduction

Thank You for Choosing SIP

SIP Industrial Products Ltd is a flagship supplier of high-quality machinery and equipment to the ever-growing engineering, construction, automotive and agricultural marketplaces.

As an ISO9001 approved machinery specialist, we are passionate about innovation and offering quality, value and choice, making sure that our users have the most appropriate and reliable product for the task at hand.

Welcome to Your User Manual

This manual is designed to introduce the support in place for you as an SIP customer as well as guide you through the product that you have purchased and how to use and maintain it safely and effectively.

Technical and Aftersales Support

With a dedicated service centre at head office and service engineers across the UK and Ireland, SIP are committed to providing you with the optimum support to minimise any working downtime.

Our extensive Technical, Service Engineer and Customer Service teams are on hand to support with:

- Product selection
- Servicing and maintenance advice
- Troubleshooting

Feel free to contact us for more information.

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1.1 Product Overview

This Honda™ powered lawnmower features an extra-wide 56cm cutting width, making it ideal for professional landscaping and grounds maintenance.

The self-propelled design ensures easier steering and simpler mowing. It is also equipped with a 60L grass collector and features side and rear discharge panels for mulching.

Fitted with a quick-release foldable handlebar, the mower stows easily on trailers or in vans for transport and storage with a more compact and reduced footprint.

1.2 Manual Version History

Manual Version Number	Date Published
V1.4	25/03/2026

2 Warranty

Warranty Registration

SIP proudly offer a 2 year warranty across all SIP branded machines.*

To benefit from the second warranty year, you must register within 30 days of purchase via the link or QR code below.

www.sip-group.com/warranty/register-warranty



***Excludes accessories and consumables**

3 Safety Instructions

3.1 Safety Symbols Used Throughout This Manual



Important: Please read the following instructions carefully, failure to do so could lead to serious injury, damage to the product or an invalidated warranty.



Danger/Caution: Indicates risk of personal injury and/or the possibility of damage.



Warning: Indicates risk of fire.



Caution: Injury may occur when working with sharp elements.



Note: Supplementary Information.

3.2 Safety Instructions

When using this lawnmower, basic safety precautions should always be followed to reduce the risk of fire, personal injury (or to others) and/or damage to the product. Read all of these instructions before operating the product and save this user manual for future reference. SIP recommends that this product should not be modified or used for any application other than that for which it was designed; it was designed to be used for mowing grass lawns (not rough terrain). If you are unsure of its relative applications do not hesitate to contact us and we will be more than happy to advise you.

3.2.1 General Safety Principles

Prior to first use read and understand this owner's manual and the labels affixed to the lawnmower. Learn its applications and limitations, as well as the potential hazards specific to it. Only trained and competent individuals may operate this lawnmower, and must follow the instructions provided in this manual. **Never** operate the lawnmower under the influence of alcohol, drugs, or medication. Children under the age of 16 years or people unfamiliar with the lawnmower **must not** be allowed to use it.

Operate the lawnmower only in daylight and ensure that the area in which it will be used is free from people (including children), pets, and obstructions before use. The person operating the lawnmower is responsible for the safety of persons in the work area.

Section 3: Safety Instructions

Keep all safety guards and covers in place and functional, and **do not** bypass, disable, or modify any safety guards, safety devices or warning system. **Do not** use this lawnmower in damp or wet locations, or expose it to rain/water. **Do not** start the engine indoors or in other poorly ventilated areas. **Never** use the lawnmower without the grass catcher or protective cover in place.

The lawnmower **must** only ever be used for its intended purpose of cutting grass in an outdoors environment. The lawnmower **must** only be used on a flat surface and when in operation all four wheels **must** be in contact with the ground so that the cutting blade is not exposed.

THIS LAWNMOWER MUST NEVER BE USED INDOORS OR A CONFINED SPACE. EXHAUST GASES CONTAIN CARBON MONOXIDE WHICH IS ODORLESS AND CAN KILL.

3.2.2 Personal Protective Equipment

Personal Protective Equipment (PPE) **must** be worn both during operation of the lawnmower, and when performing maintenance. The PPE required will depend upon which is being carried out.

To reduce the risk of injury during use always:

- Wear long trousers and sturdy footwear (closed, not flip-flops or sandals) with suitable grip for the surface being mowed.
- Avoid loose clothing, scarves or jewellery that could get caught in moving parts or control cables.
- Tie back long hair.
- Never put hands or feet near rotating parts or under the cutting deck.
- Wear suitable ear protection to protect against hearing damage.
- Wear safety goggles or a face shield to protect from debris.

To reduce the risk of injury whilst carrying out maintenance always:

- Wear long trousers, close-fitting clothing and sturdy footwear (closed, not flip-flops or sandals).
- Avoid wearing scarves or jewellery that could get caught in moving parts or control cables.
- Tie back long hair.

Section 3: Safety Instructions

- Never put hands or feet near rotating parts or under the cutting deck.
- Wear suitable ear protection to protect against hearing damage.
- Wear suitable cut protection gloves when handling blades.
- Wear suitable gloves when carrying out oil or fuel related maintenance tasks.
- Wear safety goggles or a face shield to protect from debris.

3.2.3 Hazards During Use

Fire and Explosion Hazards:

Petrol is highly flammable both as a liquid or a vapour and may ignite when exposed to heat, an open flame or a spark.

Only refuel outdoors in a well ventilated location with the engine off and when it is cool. **Do not** refuel immediately after having stopped the engine. When refuelling take care not to spill petrol onto the lawnmower, work area or clothing. Clean any spills immediately with appropriate spill kits, and/or change any clothing. Ensure the fuel cap is correctly seated and the fuel tank is sealed after refuelling operations to prevent the escape of fuel vapour. **Do not** attempt to restart the lawnmower engine if there has been a fuel spillage, as this may ignite. Ensure that the cap of the fuel container used to refuel the lawnmower has also been sealed correctly.

Petrol **must** be stored in suitable containers in an appropriate location away from children, and **never** near the lawnmower - especially when it is hot, and in accordance with local safety laws. If petrol is not stored correctly, radiant heat from the lawnmower can produce petrol vapours.

Do not smoke near, or expose fuel to open flames or sparks.

Burn Hazards:

All engine surfaces and the exhaust become hot during use, **do not** touch these surfaces or perform maintenance until they have been allowed to cool.

Cutting Hazards:

The mowing blade is sharp and rotates at high speed, keep hands and feet away from the deck and discharge areas during operation. Contact with the blade during operation can cause serious injury or death.

When mowing around trees low branches may cause injury to the user and must be avoided.

Never lift or tilt the mower while the engine is running as this will expose the rotating blade. The lawnmower **must** only be used on a flat surface and when in operation all four wheels must be in contact with the ground so that the cutting blade is not exposed.

Section 3: Safety Instructions

Never use the lawnmower on soft surfaces, embankments or ditches as this may cause it to overturn.

Mowing on steep slopes can lead to loss of control.

Noise and Vibration:

Prolonged exposure may cause hearing loss or vibration-related health issues. Use appropriate PPE and take breaks during extended operation.

Thrown Object Hazards:

Stones, sticks, branches or debris can be ejected with force upon contact with the mowing blade. Ensure that the lawnmower is on a flat surface in order to minimise this risk, although be aware that it may still occur. Take care to observe the path you intend to mow, if there are any objects that may make contact with the mowing blade, completely stop the lawnmower engine and remove the objects before restarting the lawnmower and continuing to cut the grass.

3.2.4 Residual Risks

Despite built-in safety features and the hazards/risks identified in this manual, some risks remain and cannot be entirely eliminated or reduced by controls alone:

- Contact with the blade after shutdown if it is still rotating.
- Accidental contact with hot engine components.
- Exposure to harmful exhaust gases in enclosed areas.
- Limited visibility or distractions leading to unsafe operation.

To attempt to mitigate these assess the risks, stay alert and aware of your surroundings, allow time for blades and engine parts to stop and cool before handling and use the lawnmower only outdoors in daylight.

3.2.5 Warning signs and symbols

This lawnmower features warning labels and safety symbols, familiarise yourself with the meaning of each symbol before first use. Replace damaged or unreadable labels immediately.



Figure 1: Lawnmower safety icons affixed to the 08228 SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWER.

Key/Legend:

- a) Caution/Danger, risk of injury or death to persons, or damage to the machine if instructions are not followed.
- b) Hot surfaces, risk of burns.
- c) Caution, objects and debris may be ejected from the lawnmower. Always use with correct guards and on a level surface.
- d) Danger, rotating blades - do not insert body parts under the lawnmower.
- e) Caution, rotating blade does not stop immediately when engine stops. Wait until it has stopped before moving the lawnmower.
- f) Wear appropriate PPE during use.
- g) Carefully read the user's manual before putting into operation.
- h) Keep other people, children or animals away from the work area.
- i) Remove spark plug before carrying out maintenance.

Section 3: Safety Instructions

- j) Always maintain a safe distance from moving parts.
- k) Emission of toxic gases (including carbon monoxide), or fuel vapours occurs during use. Do not use in enclosed or poorly ventilated areas.
- l) Beware of sharp edges on mowing blade. Do not handle without PPE and do not make contact with during use of the lawnmower.



Figure 2: Lawnmower safety icon affixed to the side of the 08228 SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWER.

The safety warning icon in Figure 2 is attached to the side housing of the lawnmower. There is a risk of injury or death if hands or feet enter under the housing, as the rotating mowing blade is contained here.



Figure 3: The 08228 SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWER must be filled with oil before first use.

Section 3: Safety Instructions

Seen in Figure 3 the lawnmower must be filled with oil before first use otherwise permanent damage will occur to the engine.

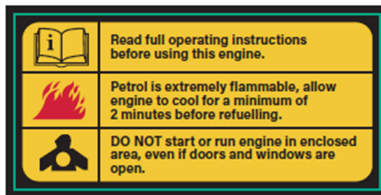


Figure 4: A product safety label for the 08228 SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWER.

The safety warning icon in Figure 4 prompts the user to consult the manual before use, that the engine must cool for 2 minutes before refuelling, and that the lawnmower must not be used in an enclosed area.

3.2.6 Safety Devices

The lawnmower is equipped with the following safety features:

- Start/Brake Lever: Engine shuts off if the handle is released.
- Travel Lever: The lawnmower self-propelling feature will not work unless pushed towards the handle.
- Debris Guard/Grass Chute: Protects user from ejected materials.
- Fuel Shut-off Valve: Stops fuel flow to engine for maintenance or storage.

Never remove or tamper with safety devices and check they function correctly before each use.

3.2.7 Safe Working Practices

Never leave the unit for a prolonged period of time without draining the fuel tank first. **Do not** run engine without engine oil. Ensure that the engine oil level is checked before every use. Check your lawnmower before turning it on and **do not** attempt to operate if there

Section 3: Safety Instructions

is suspected damage. Keep guards in place and in working order. Replace damaged, missing or failed parts before using the lawnmower. **Always** wear appropriate clothing, **do not** wear loose clothing, gloves, neck ties or jewellery (rings, wrist watches). They can be caught in moving parts or control cables. **Do not** leave the mower unattended while the engine is running, if you leave the lawnmower turn off the engine.

Only start the engine on a level surface, clear of obstructions. Once the engine is running, **never** pull the mower toward you - only push in a forwards direction, whilst keeping a firm grip on handles. Mow across slopes, not up and down, to prevent tipping. **Do not** adjust the mowing height or empty the grass collection bag whilst the engine is running, to prevent accidental travel. **Never** lift or tilt the mower while the engine is running.

When crossing paths, loose gravel, paved paths or any other surface that is not grass you **must** stop the lawnmower engine and wait for the blade to stop rotating.

Never inspect or clean the deck of the lawnmower whilst the engine is running. Stop the engine, allow it to cool and remove the spark plug before carrying out any maintenance operations.

3.2.8 Maintenance and Servicing Safety

Turn off the engine and disconnect the spark plug before carrying out any servicing or maintenance operation, failure to do this may result in serious injury and/or death. This includes any removal of grass cuttings from the lawnmower deck or around the mowing blade.

Never pull the start cord when the HT lead is disconnected from the spark plug, or when the spark plug has been removed from the engine and the HT lead is connected. Doing so will produce a visible spark and may ignite any spilt petrol or petrol vapours, and/or lead to an electrical shock.

Allow the engine to cool before servicing, touching or cleaning the lawnmower. Replace worn or damaged blades only with SIP original parts and accessories. Store tools and cleaning agents out of reach of children.

If an impact with a foreign object occurs, stop the engine and carefully inspect to ensure that there is no damage. In the event of damage, take the lawnmower to an SIP approved service agent.

3.2.9 Disposal Safety

Dispose of engine oil, fuel, air filters, and blades in accordance with local environmental regulations. Never pour fuel or oil down the drain or into soil. At the end of the product's life, recycle components where facilities exist. Contact local authorities for approved disposal or recycling services.

3.2.10 Storage

Never store the lawnmower with petrol in the fuel tank inside a building where the fumes could come within range of an open fire, sparks or sources of high temperature/ignition. Before storing in any enclosed area, allow the engine to cool down and **do not** store in a confined area, only in a clean, dry, and ventilated area, and out of reach of children and unauthorized persons. To reduce the risk of a fire, ensure that the lawnmower is free of grass, leaves or excessive amounts of lubricant.

Turn off the fuel valve or drain the tank before long-term storage. Drain the fuel in a well ventilated area and only when the engine has cooled down.

4 Technical Specifications

Parameter	Value
Drive System	Self-Propelled Clutch System
Engine Specification	Honda GCV200
Displacement	201cc
Engine Power	2.8kw/2850rpm
Fuel Tank Capacity (L)	0.91
Recommended fuel	Unleaded petrol E5/E10 of at least 95 octane
Oil Capacity (L)	0.4
Recommended Oil	SAE30; 10W-40
Cutting Width	555mm / 22"
Cutting Height (mm)	8 positions: 30-36-40-47-55-63-72-80
Grass Collector Capacity (L)	60
Wheel Size	8 inch (front)/10 inch (rear)
Noise Level	98 dB(A)
Maxiumum Vibration Level	4.92m/s(K=1.5)
Net Weight (kg)	37.5 (dry)
Gross Weight (kg)	40.5 (dry)

5 Getting to know your SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWER



(a) The front-right view of the 08228 SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWER.



(b) The front-left view of the 08228 SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWER.

Figure 5: All round views of the 08228 SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWER, showing the location of key components and access points.

Section 5: Getting to know your SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWER

Item	Description
1	Travel Lever
2	Start/Brake Level
3	Upper Handle
4	Lower Handle
5	Fuel Tank Cap
6	Mowing Height Adjustment
7	Cap with Oil Dipstick
8	Side Discharge Deflector
9	Pull Start
10	Fast Fix Connectors
11	Fuel Tap
12	Grass Collection Bag
13	Air Filter Housing
14	Spark Plug and Lead
15	Engine Exhaust

5.1 Assembly Instructions

5.1.1 Handle Assembly



Important: Take care when removing the lawnmower from its packaging, to avoid pinching or damaging the lawnmower's control cables.

To assemble the lawnmower from its packaging follow the below steps, referring to Figure 5 for part descriptions and locations:

1. Unfold the Lower Handle (4) from the Lawnmower.
2. Attach the Upper Handle (3) to the Lower Handle (4) using the Fast Fix Connectors (10), as shown in Figure 6a.
3. Use the plastic clips attached to the cables to secure the control cables to the Upper Handle (3) as shown in Figure 6b.
4. Feed the Pull Start (9) through the holder attached to the Upper Handle (3) as shown in Figure 6c.
5. Once the two handles are fixed in place, to adjust the height of the handle, loosen the Fast Fix Connectors (10) and set to a comfortable height, then re-tighten.
6. On level ground fill engine with 300-450ml oil, checking not to exceed the 'MAX' indication. Please see Section 7 for instructions on how to add oil.



(a) Location of the Fast Fix Connectors to the Upper and Lower Handles.



(b) Securing the control cables using the cable clips.



(c) How to feed the Pull Start cable through the holder on the Upper Frame.

Figure 6: How to assemble and set the 08228 SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWERup for first use.

Section 5: Getting to know your SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWER

5.1.2 Assembling the Grass Catcher

Secure the plastic hooks at the end of the textile part of the grass catcher into the steel frame. The grass catcher is equipped with a full indicator which is shown in Figure 7. It is a plastic flap at the rear of the grass catcher. When the grass catcher is not full, the flap is raised. When the flap closes, the grass catcher is full and needs emptying.



Figure 7: The grass catcher for the 08228 SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWER.

6 Operating Instructions



Attention: The 08228 SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWER does not come supplied with oil in the engine, only a small residual amount will be present from factory testing. Do not attempt to use without filling the engine with oil, otherwise permanent damage will occur. To add oil please see the instructions on Page 27. Damage caused in this manner is not covered by the warranty under any circumstances.

6.1 Controlling and Operating the Lawnmower

6.1.1 Starting/Stopping the Lawnmower Engine

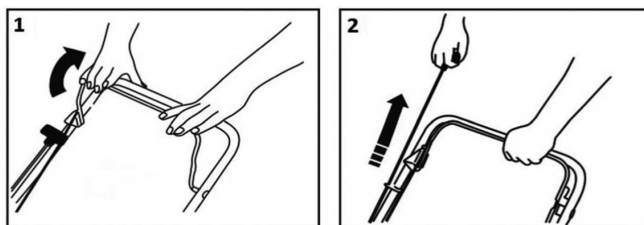


Figure 8: Engine start procedure for the 08228 SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWER.

1. Open the fuel tap by turning 90° as shown in Figure 5b on page 16.
2. Pull the start/brake lever towards the handle and hold it there, shown in Figure 8, point 1.
3. Pull firmly on the pull cord shown in Figure 8, point 2. The engine should start up after 3-4 pulls. The lawnmower is fitted with an auto-choke and thus no adjustment to the running parameters is required.
4. The engine is turned off by releasing the start/ brake lever.



Caution: A small amount of smoke may be emitted when the engine is started for the first time, due to the burn off of the engines protective layers using during manufacture. This is completely normal and does not constitute a problem.



Caution: The mowing blade continues to rotate for several seconds after the engine is turned off.

6.1.2 Controlling Travel

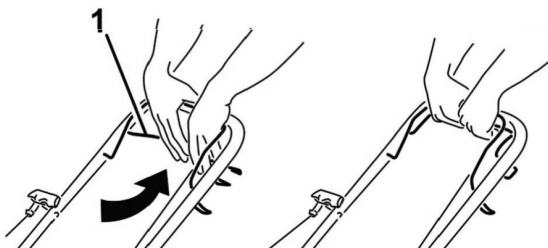


Figure 9: Procedure for controlling the self-propelling feature of the 08228 SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWER.

The 08228 SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWER has a self-propelling feature that is operated by the second lever closest to the user, when holding the handle. This feature operates at a single speed.

1. The travel is controlled using the travel lever, shown in Figure 9. When the lever is pulled to the handle, the lawnmower will start moving.
2. To stop, release the lever. This will not stop the engine unless the engine lever is also released.

6.2 Removal of Grass Cuttings

Whilst mowing the lawn it is possible to collect or discharge the grass cuttings in the following ways:

- Collection of grass cuttings in a grass catcher.

Section 6: Operating Instructions

- Discharge of grass cuttings through the rear discharge.
- Discharge of grass cuttings through the side deflector.
- Mulching of grass cuttings and subsequent discharge on the lawn.

Each of these options may require a change of configuration of the lawnmower and these are discussed further in detail in following subsections.



Attention: Do not use the lawnmower on slopes with an inclination greater than 20° otherwise the engine may seize and cause permanent damage.

6.2.1 Mowing with the Grass Catcher

When the grass catcher is installed, grass clippings are discharged into the grass catcher. The grass catcher has an empty/full indicator, and its function/installation is described on page 19.

6.2.2 Mowing with Rear Discharge

Without the grass catcher installed, the grass catcher cover serves as a deflector that directs the movement of the grass clippings towards the ground. A row of grass clippings is thus formed behind the lawnmower from this deflector.

6.2.3 Mowing with Side Discharge



Caution: Attach and remove the side discharge deflector only with the engine turned off. Failure to do so may result in severe injury and/or death.

To install the side discharge deflector follow the steps below:

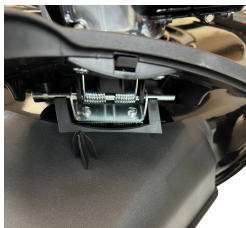
1. Locate the side discharge cover as shown in Figure 10.
2. Use your hand to lift the side discharge cover by pressing in the button and pulling up. Be aware that this is spring loaded and will provide resistance. Do not suddenly let go of the cover as this may damage it.

Section 6: Operating Instructions

3. Holding the cover firmly, attach the side discharge deflector shown in Figure 10b. Take note of the position of the locating mechanism of the deflector on the axle of the cover spring mechanism. Gently lower the side discharge cover until it locates on the deflector.
4. When correctly fitted the side discharge should be held firmly in place by the force of the spring from the side discharge cover, as shown in Figure 10c.
5. Note: In order to mow with the side discharge, it is necessary to install a mulching plug into the discharge chute, which is described in Section 6.2.4.



(a) Location of the side discharge cover, without the deflector attached.



(b) How to locate the deflector on the axle of the side discharge spring mechanism.



(c) The correct fitting of the side discharge.

Figure 10: How to attach the side deflector to the 08228 SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWER.

6.2.4 Mulching



Caution: Attach and remove the mulching plug only with the engine turned off. Failure to do so may result in severe injury and/or death.



Caution: Use only original mulching accessories when mulching.

The mulching plug is installed from the factory and must be removed prior to using the grass catcher. If the mulching plug is not removed the cut grass will be discharged directly onto the lawn. The mulching plug must be fitted in order to use the side discharge. To remove the mulching plug, remove the grass catcher and follow the below steps whilst consulting Figure 11.

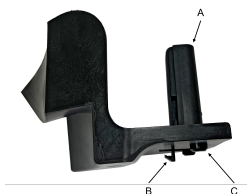
1. Remove the grass catcher and hold the plastic grass catcher cover with your hand to reveal the mulching plug, shown in Figure 11a.

Section 6: Operating Instructions

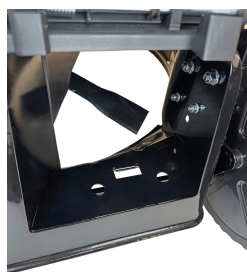
2. Press the lever (A) on the mulching plug to release the locking tab (B) and pull the mulching plug upwards gently so that the locating pins (C) are lifted from the lawnmower.
3. Pull the mulching plug towards you to remove from the lawnmower as shown in Figure 11c.
4. Reattach the grass catcher to the lawnmower.



(a) The fitted mulching plug, without the grass catcher fitted to the lawnmower.



(b) The mulching plug removed, showing the clamping lever and locating pins.



(c) The mulching plug removed, without the grass catcher fitted to the lawnmower.

Figure 11: How to remove the mulching plug for the 08228 SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWER.

To reinstall the mulching plug follow these instructions in reverse.



Important Information: Do not mulch grass that has grown too tall, as this may overload the lawnmower mechanism and the engine. If necessary, make a first pass with to reduce the grass height without mulching. Then make another cut with a shorter height with mulching.

6.3 Setting the Mowing Height

The mowing height is set centrally using the central mowing height adjustment lever seen on page 16. You can select from 8 positions in the range of 25 to 75mm. The middle mowing height is the most suitable for the majority of lawns. Lawn damage may occur when the lowest height is set.



Note: For maximum effectiveness, never trim the grass by more than 1/3 of its length in each cutting pass. To mow overgrown grass, make several passes with an incremental reduction in cutting height each time. To ensure a healthy lawn do not use the lowest mowing height setting.



Warning: Do not set the cutting height whilst the engine is running.

7 Maintenance

7.1 Recommended Engine Service Intervals



Caution: Never carry out maintenance on the lawnmower whilst the engine is running. To prevent accidental starting of the engine during maintenance remove the spark plug from the engine, detailed on page 29. Failure to remove the spark plug when carrying out maintenance may result in injury and/or death.

To ensure smooth and safe operation of your 08228 SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWER it is recommended that you follow the below guidance regarding service intervals for the Honda™ GCV200 engine:

- Before each use: Check oil level and air filter.
- After first month or 5 hours: Change the engine oil.
- Every 3 months or 25 hours: Clean air filter.
- Every 6 months or 50 hours: Change engine oil, clean air filter.
- Every year or 100 hours: Inspect and adjust spark plug and cables.
- Every 12 months or 200 hours: Replace spark plug.

Additional maintenance is required for other components of the lawnmower:

- All nuts, pins and bolts must be properly tightened so that the lawnmower is in a safe and operational condition.
- Regularly inspect the lawnmower and ensure that all grass deposits are removed from the underside of the chassis.
- Regularly lubricate the axle of the chassis and the bearings using a suitable lubricant.
- Regularly inspect the condition of the blades because they have a significant effect on the performance of the lawnmower. Blades should always be sharp and balanced. Contact an SIP service agent for advice on sharpening and balancing the blades.
- If the blade strongly impacts an object such as a rock or similar, stop the lawnmower and take it to an SIP service agent for inspection.

The following instructions provide information on how to carry out these crucial service requirements, however if you are in any doubt please contact your local SIP service agent for assistance.

7.2 Engine Oil Maintenance

The lawnmower is supplied without engine oil, however a residual amount may be present from factory testing. Before the first use of the lawnmower add approximately 350-400ml of 10W-40 engine oil, according to the following instructions. Failure to do so may result in permanent engine damage and void your warranty.

SIP recommends the use of 10W-40 oil, SIP Product Code: 02419.

7.2.1 Checking Engine Oil Level

Typically, before checking the oil level, the engine must be warm; start the engine and run for 5-10 minutes, then stop the engine and wait for 2 minutes before obtaining a measurement. However, if an oil leak is suspected or the lawnmower has been in storage for 6-24 months it is recommended that an initial check is carried out cold, to prevent the engine being run without oil. If there is evidence of oil at an acceptable level continue to warm the engine and follow the below procedure. Otherwise please contact an SIP service agent for advice.

1. First, place the lawnmower on a level surface to ensure an accurate reading.
2. To check the oil level, remove the dipstick and check the oil mark on the dipstick by unscrewing and pulling the cap with the oil dipstick out of the oil refill hole, shown in Figure 12.
3. The oil level must be between the upper (MAX). and lower (MIN) limit.
4. Put the dipstick back into the hole and tighten it.

7.2.2 Adding Engine Oil

If oil needs to be added to the engine, whether only a top-up or a full replacement following a drain, please follow the below process, assuming that the oil level has already been determined. Note, for an oil change this is best carried out when the oil/engine is warm but not hot:

1. Remove the dipstick by unscrewing and pulling the cap with the oil dipstick out of the oil refill hole, shown in Figure 12.

2. Add oil to the engine as required (for an oil replacement this is approximately 350-400ml).
3. The oil level must be between the upper (MAX). and lower (MIN) limit.
4. After adding oil, put the dipstick back into the hole and tighten it. This must be tightened in order to fully submerge the dipstick and get an accurate reading.
5. Once the oil has been refilled to the correct level, start the engine and allow it to run for a short time (10 minutes). Stop the engine, wait 1 minute and remeasure the oil level in the oil tank. Add oil to the required level if necessary.

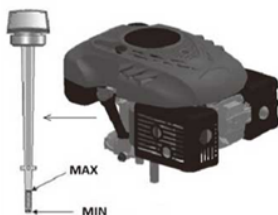


Figure 12: Location of the oil dipstick and the MIN/MAX graduations.

7.2.3 Changing the Engine Oil



Caution: For this task, we recommend that you contact an SIP service agent.

The drain plug is located under the engine. Place a suitable container for collecting the used oil underneath the engine and remove the plug. Tilt the lawnmower slightly so that all the oil can drain from the oil tank, if necessary use a chock. After the oil has drained, screw the plug back firmly into place and wipe away any spilt oil.

After the oil has drained, refill with engine oil by referring to the 'Adding Engine Oil' guidance on page 27.

7.3 Adding Fuel

This is a four-stroke engine and premixed (two-stroke) fuel should never be used. Only use forecourt unleaded petrol (E5 or E10). The use of any other fuel will void your warranty.

After unscrewing the fuel tank cap shown on page 16, add the fuel by pouring it level to the collar of the fuel tank taking care not to overfill. The fuel tank capacity is no more than 0.91L.



Caution: In the event that you spill any oil or fuel on the lawnmower when refilling, wipe it away immediately. Do not store, add fuel, or handle it in the vicinity of an open flame.



Caution: Non-forecourt E5/10 petrol (e.g. Fuels mixed with alcohol or fuels with ethanol or methane additives) may permanently damage the lawnmower and must not be used in this lawnmower.



Note: When the lawnmower will not be used for longer than 30 days, the fuel tank should be drained to prevent damage. Follow the Storage section on page 30 for more details.

7.4 Replacing the Air Filter

Remove the air filter housing shown in Figure 5 on page 16, by pressing down on the two clips to expose the air filter. Pull out the air filter to remove it from the engine and replace with SIP Product Code: PW37-00338.

7.5 Replacing the Spark Plug

Remove the HT lead from the spark plug, visible from the front of the engine shown in Figure 5 on page 16.

To remove the spark plug simply unscrew from the body of the engine. To replace the spark plug (SIP Product Code: PW37-00337) screw the spark plug into the body of the engine and tighten to 13Nm torque ensuring that it is not cross-threaded. The plug gap should be 0.7-0.8mm.

7.6 Replacing the Mowing Blades



Caution: For this task, we recommend that you contact an SIP service agent.



Caution: Prior to removing the mowing blade, drain the oil from the oil tank.



Caution: When working with the mowing blade wear appropriate Personal Protective Equipment to prevent injury and/or accidents from the sharp surface of the blade.

When replacing the blade the fastening bolt must also be replaced, SIP Product Code PW37-00240. To remove the mowing blade unscrew the fastening bolt shown in Figure 13 and remove the washer and mowing blade. Replace with the new blade and screw in the new fastening bolt and washer, tightening to a torque of 40Nm.

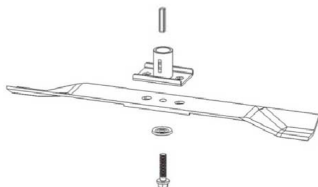


Figure 13: Exploded diagram of the mowing blade assembly.

7.7 Storage

Before storing in any enclosed area allow the engine to cool down and ensure that the lawnmower is free of excessive grass, leaves, lubricant or other combustible materials to prevent a fire. Do not store next to other combustible materials, chemicals or products.

If the lawnmower will not be used for an extended period of time (e.g. over the winter months), the following storage instructions will extend the lifetime of the engine:

- Fully drain fuel from the fuel tank and the carburettor. After draining start the engine in order to use the fuel remaining in the fuel line.
- Screw out the spark plug and pour a small amount of motor oil into the socket. Gently pull the pull cord 2 to 3 times and stop when compression resistance is felt to ensure valves are closed.

Section 7: Maintenance

- Use a clean cloth to clean the exterior surfaces. Store the lawnmower in a clean, dry location.



Warning: Failure to prepare the lawnmower for storage correctly, or incorrect storage of fuel, may lead to a fire.

8 Troubleshooting

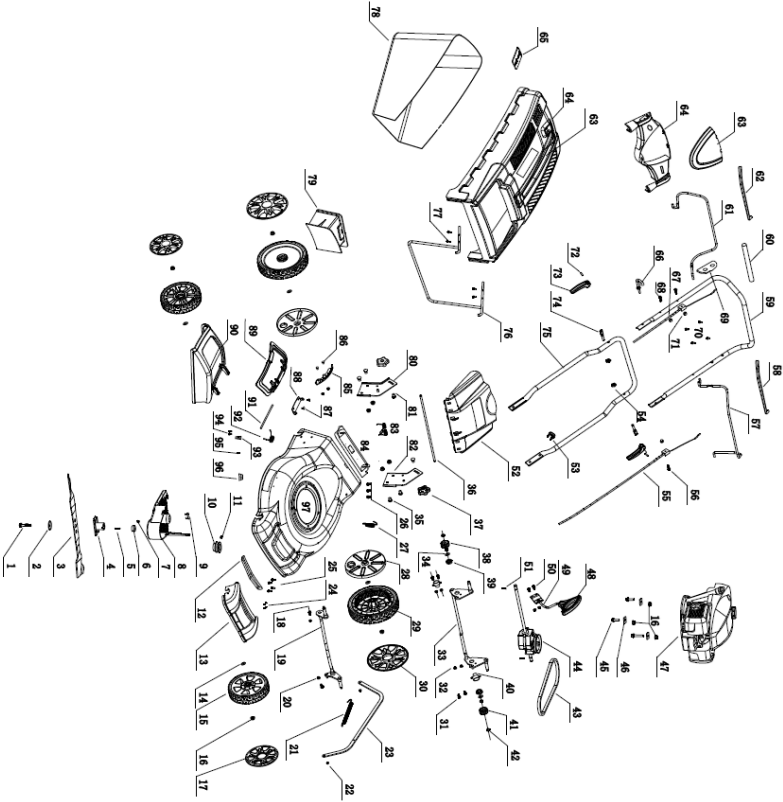
Problem	Issue	Remedy
Engine won't start.	• Empty fuel tank. • Old or stale fuel. • Spark plug fouled or damaged. • Air filter clogged. • Engine oil overfilled. • Fuel valve off or blocked. • Poor compression. • Start lever not pulled in towards handle.	• Refill with fresh unleaded petrol. • Drain tank and carburettor, refill with fresh fuel. • Clean or replace spark plug. • Clean or replace air filter Drain excess oil to correct level. • Turn on or clean fuel valve. • Adjust valve clearance (SIP Service Agent only). • Refamiliarise user with operating instructions.
Engine starts then stalls.	• Clogged fuel cap vent. • Carburettor blocked. • Dirty air filter.	• Clean or replace fuel cap. • Clean carburettor or use carb cleaner. • Clean or replace air filter.

Section 8: Troubleshooting

Problem	Issue	Remedy
Engine runs rough or surges.	• Water or debris in fuel. • Carburettor needs adjustment. • Spark plug gap incorrect.	• Drain and replace fuel. • Adjust idle speed and mixture screws (SIP Service Agent only). • Check and adjust spark plug gap/replace spark plug.
Excessive vibration.	• Blade loose or damaged. • Engine mounting bolts loose.	• Tighten or replace blade. • Tighten all engine and frame bolts.
Mower is hard to push.	• Grass buildup under deck. • Drive system or wheels damaged.	• Clean underside of mower deck. • Inspect and replace worn gearbox or wheels.
Poor cutting performance and/or grass collection.	• Blade dull or nicked. • Cutting height set too high or low.	• Replace blade. • Adjust cutting height and check whether grass is wet/damp.
Excessive smoke from exhaust.	• Too much engine oil. • Piston ring or valve issues.	• Drain excess oil. • Engine may need internal repair (SIP Service Agent only).

Problem	Issue	Remedy
Fuel leak, visible from when left standing or perceived excessive fuel consumption.	• Cracked fuel line(s). • Loose fuel tank cap or carburettor gasket.	• Inspect and replace damaged fuel lines. • Tighten or replace as needed.

8.1 Exploded Drawing and Parts List



Section 8: Troubleshooting

Ref no	Description	SIP Product Code
1	Blade bolt	PW37-00240
2	Blade washer	PW37-00241
3	Blade	PW37-00242
4	Blade adapter	PW37-00243
5	Key	PW37-00244
6	Blade bush	PW37-00245
7	Heat shrinkable tube	PW37-00246
8	Belt cover	PW37-00247
9	Fixing screw 4.8*16mm	PW37-00248
10	Belt pulley	PW37-00249
11	Fix screw	PW37-00250
12	Front panel 22	PW37-00251
13	Front panel deck	PW37-00252
14	Washer 13mm	PW37-00253
15	Front wheel	PW37-00254
16	Nylon nut M8	PW37-00255
17	Front wheel cover	PW37-00256
18	Bolt 5*12mm	PW37-00257
19	Front wheel axle	PW37-00258
20	Nylon nut M5	PW37-00259
21	connecting rod spring	PW37-00260
22	Nylon nut M6	PW37-00261
23	Connecting rod	PW37-00262
24	Fixing screw 4.2*14mm	PW37-00263
25	Fixing screw 4.8*16mm	PW37-00264
26	Bolt 5*16mm	PW37-00265
27	Self-propelled spring	PW37-00266
28	Inner wheel cover	PW37-00267
29	Rear wheel	PW37-00268
30	Rear wheel cover	PW37-00269
31	Bolt 5*14mm	PW37-00270
32	Nylon nut M5	PW37-00271

Section 8: Troubleshooting

Ref no	Description	SIP Product Code
33	rear wheel axle	PW37-00272
34	Flat washer	PW37-00273
35	Bolt 8*16mm	PW37-00274
36	Deflector pole	PW37-00275
37	Big nut	PW37-00276
38	Gear R	PW37-00277
39	Ball bearing	PW37-00278
40	axle bush	PW37-00279
41	Gear L	PW37-00280
42	Block washer	PW37-00281
43	Belt	PW37-00282
44	Gear box	PW37-00283
45	Bolt 8*35mm	PW37-00284
46	Engine fixing washer	PW37-00285
47	Engine	PW37-00286
48	TPE adjust handle	PW37-00287
49	Height adjuster	PW37-00288
50	Bolt 6*14mm	PW37-00289
51	Connecting pin	PW37-00290
52	Rear deflector	PW37-00291
53	Cable clip	PW37-00292
54	Small nut	PW37-00293
55	Clutching cable	PW37-00294
56	Bolt 6*30mm	PW37-00295
57	Brake lever	PW37-00296
58	Lever guard	PW37-00297
59	Upper handle	PW37-00298
60	Soft grip	PW37-00299
61	Clutching lever	PW37-00300
62	Lever guard	PW37-00301
63	Half plastic catcher handle	PW37-00302

Section 8: Troubleshooting

Ref no	Description	SIP Product Code
64	Half plastic catcher	PW37-00303
65	Grass bag window	PW37-00304
66	Hook	PW37-00305
67	Brake cable	PW37-00306
68	Bolt 6*25mm	PW37-00307
69	Washing port	PW37-00308
70	Fixing screw 4.8*16mm	PW37-00309
71	Nut M6	PW37-00310
72	Open pin	PW37-00311
73	Fast fix 1	PW37-00312
74	Handle bolt	PW37-00313
75	Lower handle	PW37-00314
76	Grass bag frame	PW37-00315
77	Fixing screw 4.8*16mm	PW37-00316
78	Lower grass bag	PW37-00317
79	Mulching plug	PW37-00318
80	Handle support R	PW37-00319
81	Bolt 8*20mm	PW37-00320
82	Handle support L	PW37-00321
83	Deflector spring	PW37-00322
84	Grass bag hang plate	PW37-00323
85	Height plate	PW37-00324
86	Bolt 6*14mm	PW37-00325
87	Bolt 5*14mm	PW37-00326
88	Deflector fix plate	PW37-00327
89	Side discharge air path	PW37-00328
90	Side discharge cover	PW37-00329
91	Side cover pole	PW37-00330
92	Side cover spring	PW37-00331
93	Side discharge button	PW37-00332
94	Fixing screw 4.2*12mm	PW37-00333
95	Button spring	PW37-00334

Ref no	Description	SIP Product Code
96	Side discharge plate	PW37-00335
97	Deck	PW37-00336
N/A - Engine	Spark plugs	PW37-00337
N/A - Engine	Air filters	PW37-00338
N/A - Engine	Pull cord	PW37-00339
N/A - Engine	Carburetor	PW37-00340
N/A - Engine	Plug caps	PW37-00341
N/A - Engine	Engine oil	02419

9 UK - Declaration of Conformity

We, SIP (Industrial Products) Ltd, Gelders Hall Road, Shepshed, Loughborough,
Leicestershire, LE12 9NH, United Kingdom

As the manufacturer within the UK, England, Scotland and Wales, declare that the

SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWER - 08228

Conforms to the requirements of the following regulation(s), as indicated:

Supply of Machinery (Safety) Regulations 2008

The Electromagnetic Compatibility Regulations 2016

**Noise Emission in the Environment by Equipment for Use Outdoors Regulations
2001**

**Gaseous and Particulate Pollutant Emission Limits and Type-Approval for Internal
Combustion Engines for Non-Road Mobile Machinery (Euro V) Directive.**

And the relevant designated standard(s), including:

EN ISO 5395-1:2013+A1:2018

EN ISO 5395-2:2013+A1:2016+A2:2017

EN ISO 14982:2009

EN ISO 3744:2010

Noise measurements have been made and fulfil the requirements laid out in Annex VI in Directive
2000/14/EC. The declared noise values are as follows:

Measured sound power level - 97dB(A), Guaranteed sound power level - 98dB(A)



Mr. P Ippaso - Managing Director

SIP (Industrial Products) Ltd

Date: 16/01/2026



10 EU - Declaration of Conformity

We, SIP (Machinery Europe) Ltd, ASM, Block One, Quayside Business Park, Dundalk, County Louth, A91 DP8R, Republic of Ireland

As the manufacturer's authorised representative within the EC, declare that the

SIP HONDA™ POWERED 56CM SELF-PROPELLED PETROL LAWNMOWER - 08228

Conforms to the requirements of the following directive(s), as indicated:

2006/42/EC	Machinery Directive
2014/30/EU	Electromagnetic Compatibility Directive
2000/14/EC	Noise Emission by Outdoor Equipment Directive
2016/1628	Gaseous and Particulate Pollutant Emission Limits and Type-Approval for Internal Combustion Engines for Non-Road Mobile Machinery (Euro V) Directive.

And the relevant harmonised standard(s), including:

EN ISO 5395-1:2013+A1:2018
EN ISO 5395-2:2013+A1:2016+A2:2017
EN ISO 14982:2009
EN ISO 3744:2010

Noise measurements have been made and fulfil the requirements laid out in Annex VI in Directive 2000/14/EC. The declared noise values are as follows:

Measured sound power level - 97dB(A), Guaranteed sound power level - 98dB(A)



Mr. P Ippaso - Managing Director
SIP (Machinery Europe Ltd)
Date: 16/01/2026



11 Notes



Please dispose of packaging for the product in a responsible manner. It is suitable for recycling. Help to protect the environment, take the packaging to the local amenity tip and place into the appropriate recycling bin.



Never dispose of electrical equipment or batteries in with your domestic waste. If your supplier offers a disposal facility please use it or alternatively use a recognised recycling agent. This will allow the recycling of raw materials and help protect the environment.

**FOR HELP OR ADVICE ON THIS PRODUCT PLEASE CONTACT
YOUR DISTRIBUTOR OR SIP DIRECTLY ON:**

T: 01509 500400

E: sales@sip-group.com or customerservice@sip-group.com



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