

AL-KO 5.10 SP-S

AL-KO Easy 5.10 SP-S Petrol Lawn Mower User Manual

Model: 5.10 SP-S | Brand: AL-KO

1. INTRODUCTION

This user manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your AL-KO Easy 5.10 SP-S Petrol Lawn Mower. Please read this manual thoroughly before operating the machine and keep it for future reference.

The AL-KO Easy 5.10 SP-S is a powerful petrol lawn mower designed for efficient lawn care, featuring a 51 cm cutting width and a 2.3 kW engine. It offers a 4-in-1 function (mowing, catching, mulching, side discharge) and a central cutting height adjustment.

2. SAFETY INSTRUCTIONS

Always prioritize safety when operating the lawn mower. Failure to follow safety instructions can result in serious injury or damage to the machine.

- Read and understand all instructions before operating the machine.
- Wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and sturdy footwear.
- Ensure the work area is clear of debris, stones, and other objects that could be thrown by the blades.
- Never operate the mower in wet grass or rain.
- Keep children and bystanders away from the operating area.
- Turn off the engine and disconnect the spark plug before performing any maintenance or clearing blockages.
- Refuel in a well-ventilated area with the engine off and cool.

3. PRODUCT OVERVIEW

Familiarize yourself with the main components of your AL-KO Easy 5.10 SP-S lawn mower.



Front view of the AL-KO Easy 5.10 SP-S Petrol Lawn Mower, showing the engine, cutting deck, and grass catcher.



Side view of the AL-KO Easy 5.10 SP-S Petrol Lawn Mower, highlighting the handle and wheels.



4. SETUP AND ASSEMBLY

Your AL-KO Easy 5.10 SP-S lawn mower requires minimal assembly before first use.

4.1 Unpacking

Carefully remove all components from the packaging. Check for any damage during transit. The package includes the mower unit, grass catcher, and handle assembly.

4.2 Handle Assembly

1. Unfold the handle assembly and secure it using the quick-release levers or bolts provided. Ensure the handle is firmly locked in place.
2. Attach the control cables to the handle as per the diagrams in the separate assembly guide (if provided).

4.3 Adding Oil and Fuel

The engine is shipped without oil. Before starting, fill the engine with appropriate 4-stroke engine oil (refer to engine manual for specifications). Fill the fuel tank with fresh, unleaded petrol.

Warning: Do not overfill the oil or fuel tanks. Always use the correct type of oil and fuel.

5. OPERATING INSTRUCTIONS

5.1 Starting the Engine

1. Ensure the spark plug cable is securely connected.
2. Press the primer bulb (if equipped) 3-5 times until fuel is visible.
3. Move the throttle lever to the "Start" or "Choke" position.
4. Pull the starter cord firmly until the engine starts.
5. Once started, move the throttle lever to the "Run" position.

5.2 Adjusting Cutting Height

The AL-KO Easy 5.10 SP-S features a central cutting height adjustment with 7 positions, ranging from 30 mm to 75 mm.



A user adjusting the central cutting height lever on the AL-KO lawn mower.

To adjust: Pull the central lever outwards and move it to the desired height setting. Release the lever to lock it in place.

5.3 Mowing Techniques

For optimal results, mow when the grass is dry. Overlap each pass slightly to ensure even cutting. The mower's rear-wheel drive assists in effortless forward movement.



A user operating the AL-KO Easy 5.10 SP-S lawn mower in a residential garden.

5.4 Using the Grass Catcher

The 60 L fabric grass catcher efficiently collects clippings. Monitor the fill level and empty it regularly to maintain optimal collection performance.



A user removing the full grass catcher from the AL-KO lawn mower.

5.5 Mulching and Side Discharge

The 4INONE function allows for mulching and side discharge. To mulch, insert the mulching plug into the discharge chute. For side discharge, attach the side discharge deflector.



A user inserting the mulching plug into the rear discharge opening of the AL-KO lawn mower.



A user attaching the side discharge deflector to the AL-KO lawn mower.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your lawn mower.

6.1 Cleaning

After each use, clean the cutting deck and grass catcher. Remove grass clippings and debris from the engine cooling fins. Do not use high-pressure washers directly on the engine or electrical components.

6.2 Blade Care

Inspect the blade regularly for sharpness and damage. A dull blade tears grass, leading to an unhealthy lawn. Sharpen or replace the blade as needed. Always wear heavy-duty gloves when handling the blade.

6.3 Oil Change

Change the engine oil after the first 5 hours of operation, and then annually or every 25 hours, whichever comes first. Refer to the engine manual for the correct oil type and procedure.

6.4 Air Filter

Clean or replace the air filter regularly, especially in dusty conditions. A clogged air filter can reduce engine performance.

6.5 Spark Plug

Inspect and clean the spark plug annually. Replace if worn or fouled. Ensure the correct gap is maintained.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Engine does not start	No fuel; Spark plug disconnected/faulty; Clogged fuel line/carburetor; Low oil level	Add fresh fuel; Reconnect/replace spark plug; Clean fuel system; Fill oil to correct level
Engine runs rough or loses power	Dirty air filter; Old/stale fuel; Fouled spark plug; Clogged cutting deck	Clean/replace air filter; Drain and refill with fresh fuel; Clean/replace spark plug; Clean cutting deck
Uneven cutting	Dull or bent blade; Incorrect cutting height setting; Uneven ground	Sharpen/replace blade; Adjust cutting height evenly; Mow on level ground where possible
Excessive vibration	Bent or unbalanced blade; Loose components	Inspect and replace/balance blade; Tighten all fasteners

8. SPECIFICATIONS

Model: AL-KO Easy 5.10 SP-S

Part Number: 113796

Engine Power: 2.3 kW

Cutting Width: 51 cm

Cutting Height Adjustment: Central, 7-fold (30 - 75 mm)

Grass Catcher Volume: 60 L

Drive Type: Rear-wheel drive

Housing Material: Alloy Steel

Product Dimensions (L x W x H): 168 x 56 x 100 cm

Item Weight: 38.5 kg

9. WARRANTY AND SUPPORT

AL-KO offers a standard manufacturer's warranty. Additionally, upon online registration, you can extend your warranty by two additional years, providing a total of 2+2 years of coverage. Visit the official AL-KO website for registration and detailed warranty terms: www.al-ko.com

For technical support, spare parts, or service inquiries, please contact AL-KO customer service or an authorized service center.



Image showing the AL-KO 2+2 Years Warranty Extension logo, indicating extended warranty upon online registration.

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