

Stanley 604600010

Stanley Gasoline Lawn Mower User Manual

Model: **SLM-139-460 (604600010)**



STANLEY

Official Stanley brand logo.

INTRODUCTION

Thank you for choosing the Stanley SLM-139-460 Gasoline Lawn Mower. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new lawn mower. Please read this manual thoroughly before assembly, operation, or maintenance to ensure proper use and to prevent injury or damage.

The Stanley SLM-139-460 is designed for reliable performance in home gardens, green areas, and private meadows. Its robust construction and powerful Loncin engine make mowing large areas easier, while the ergonomic design ensures comfortable handling.

SAFETY INSTRUCTIONS

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Keep this manual for future reference.

- **Read the Manual:** Familiarize yourself with all controls and proper use.
- **Personal Protective Equipment:** Always wear sturdy footwear, long trousers, and eye protection. Avoid loose clothing.
- **Clear the Area:** Before mowing, clear the area of stones, sticks, wires, and other debris that could be thrown by the blade.
- **Fuel Handling:** Handle gasoline with extreme care. It is highly flammable. Refuel outdoors and do not smoke while refueling.
- **Engine Off:** Always turn off the engine and disconnect the spark plug wire before performing any adjustments, cleaning, or maintenance.
- **Slope Operation:** Mow across the face of slopes, never up and down. Exercise extreme caution when changing direction on slopes.
- **Children and Bystanders:** Keep children and bystanders away from the mowing area.
- **Blade Safety:** The blade continues to rotate for a short period after the engine is switched off. Do not touch the blade until it has completely stopped.

COMPONENTS OVERVIEW

Familiarize yourself with the main parts of your Stanley Gasoline Lawn Mower:



Figure 1: Overview of the Stanley SLM-139-460 Gasoline Lawn Mower. Shows the complete mower with its handle, engine, grass catcher, and wheels.

- **Engine:** Powerful Loncin gasoline engine (2500W, 2800 RPM).
- **Handlebar:** Ergonomic design with soft-grip for comfortable operation.
- **Grass Catcher:** 60-liter capacity for efficient collection of grass clippings.
- **Cutting Deck:** Durable steel housing with 46cm cutting width.
- **Wheels:** Robust wheels for easy maneuverability.
- **Pull Starter:** For easy and reliable engine starting.
- **Cutting Height Adjustment:** Lever for adjusting the cutting height.



Figure 2: Close-up view of the Loncin engine on the Stanley lawn mower, showing the engine cover and "OHV" marking.

SETUP

1. Unpacking

Carefully remove all components from the packaging. Check for any damage during transit. Keep packaging materials until you are satisfied with the product.

2. Handle Assembly

1. Attach the lower handle bars to the mower deck using the provided bolts and nuts. Ensure they are securely fastened.
2. Connect the upper handle bar to the lower handle bars. Tighten all knobs or levers to secure the handle in place.

3. Grass Catcher Assembly

Assemble the grass catcher bag according to the instructions provided with the bag components. Once assembled, lift the rear discharge flap and hook the grass catcher onto the mower chassis.

4. Adding Fuel and Oil

WARNING: Never refuel a hot engine. Allow the engine to cool down before adding fuel or oil.

- **Engine Oil:** Fill the engine with appropriate 4-stroke engine oil (e.g., SAE 30 or 10W-30) up to the 'FULL' mark on the dipstick. Refer to the engine manual for exact oil capacity.
- **Gasoline:** Fill the fuel tank with fresh, unleaded gasoline. Do not overfill. Ensure the fuel cap is securely tightened after refueling.

OPERATING INSTRUCTIONS

1. Starting the Engine

1. Ensure the spark plug wire is securely connected.
2. Push the primer bulb 3-5 times (if equipped) until fuel is visible in the bulb.
3. Move the throttle lever to the "START" or "CHOKE" position.
4. Firmly grasp the starter handle and pull the starter rope with a smooth, continuous motion until the engine starts. Do not let the rope snap back.
5. Once the engine starts, gradually move the throttle lever to the "RUN" position.

2. Stopping the Engine

To stop the engine, release the engine brake lever (if applicable) or move the throttle lever to the "STOP" position. The engine will shut off automatically.

3. Adjusting Cutting Height

The cutting height can be adjusted using the lever located near the wheels. There are multiple height settings available. Adjust the height to suit your lawn conditions. For best results, avoid cutting more than one-third of the grass blade length at a time.

4. Mowing Techniques

- Mow in overlapping rows to ensure even coverage.
- Avoid mowing wet grass, as it can clog the mower and lead to an uneven cut.
- Always push the mower forward; do not pull it towards you.
- Empty the grass catcher regularly to maintain optimal performance.

MAINTENANCE

WARNING: Always ensure the engine is off and the spark plug wire is disconnected before performing any maintenance.

1. Cleaning

After each use, clean the underside of the mower deck to prevent grass buildup, which can affect cutting performance. Use a stiff brush or scraper. Do not use a high-pressure washer directly on the engine or electrical components.

2. Blade Care

Regularly inspect the cutting blade for sharpness and damage. A dull blade tears grass, leading to an unhealthy lawn. Sharpen or replace the blade as needed. Always use genuine Stanley replacement parts.

3. Spark Plug

Check the spark plug annually or every 25 hours of operation. Clean or replace it if it is fouled or worn. Refer to the engine manual for the correct spark plug type and gap.

4. Oil Change

Change the engine oil after the first 5 hours of operation, and then every 25-50 hours or at least once per mowing season. Refer to the engine manual for the correct procedure and oil type.

5. Storage

For long-term storage (over 30 days):

- Drain the fuel tank or add a fuel stabilizer.
- Change the engine oil.
- Clean the mower thoroughly.
- Store in a clean, dry area, away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Engine does not start	No fuel; Spark plug faulty; Engine brake not engaged; Old fuel	Add fresh fuel; Clean/replace spark plug; Engage engine brake; Drain old fuel and refill
Engine runs rough	Dirty air filter; Stale fuel; Fouled spark plug	Clean/replace air filter; Drain old fuel and refill; Clean/replace spark plug
Uneven cut	Dull blade; Mower deck clogged; Incorrect cutting height	Sharpen/replace blade; Clean mower deck; Adjust cutting height
Excessive vibration	Bent or unbalanced blade; Loose components	Inspect/replace blade; Tighten all fasteners

SPECIFICATIONS

Feature	Detail
Model Number	SLM-139-460 (604600010)
Engine Power	2500W
Engine Speed	2800 RPM
Cutting Width	46 cm
Grass Catcher Capacity	60 Liters
Engine Type	Loncin Gasoline Engine
Starting System	Pull Starter
Housing Material	Steel
Product Dimensions	53 x 80 x 51 cm
Weight	32 Kilograms
Material Type	Plastic, Metal
Power Source	Fuel

WARRANTY AND SUPPORT

Stanley products are manufactured to high quality standards and are guaranteed for domestic use against manufacturing defects. Please retain your proof of purchase. The warranty period and terms may vary by region. For detailed warranty information, please refer to the warranty card included with your product or visit the official Stanley website.

For technical support, spare parts, or service inquiries, please contact your local authorized Stanley service center or the retailer where you purchased the product. You can also visit the official Stanley store online for more information: [Stanley Official Store](#).