

LEHMANN LGALM-2646

Lehmann LGALM-2646 Gasoline Lawn Mower User Manual

Model: LGALM-2646

1. INTRODUCTION

Thank you for choosing the Lehmann LGALM-2646 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 operating the machine and keep it for future reference.

1.1 Safety Instructions

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. Failure to follow these instructions may result in serious injury or death.

- Read and understand all instructions before operating the lawn mower.
- Keep children and bystanders away from the operating area.
- Wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and sturdy footwear.
- Do not operate the mower in wet grass or rain.
- Ensure the engine is off and the spark plug cap is disconnected before performing any maintenance or clearing blockages.
- Refuel in a well-ventilated area with the engine off and cool. Do not smoke while refueling.
- Inspect the area to be mowed and remove any objects that could be thrown by the blades.

2. PRODUCT OVERVIEW

Familiarize yourself with the components of your Lehmann LGALM-2646 lawn mower.



Figure 2.1: Overall view of the Lehmann LGALM-2646 Gasoline Lawn Mower, including the grass collection bag, two spare blades, and a bottle of engine oil.



Figure 2.2: Detailed view of the handlebar controls. (1) Engine Stop Lever, (2) Drive Lever.

2.1 Key Components

- **Engine:** 146 cm3, 3.5 HP gasoline engine.
- **Cutting Deck:** Robust steel housing for durability.
- **Blades:** Rotary cutting blades.
- **Wheels:** Equipped with rear-wheel drive for improved maneuverability.
- **Handlebar:** Features a folding function for compact storage.
- **Grass Collection Bag:** Detachable bag for collecting grass clippings.
- **Cutting Height Adjustment Lever:** Centralized lever for adjusting cutting height.

3. SETUP

3.1 Assembly

The lawn mower requires minimal assembly. Follow these steps:

1. Unpack all components from the carton.
2. Attach the handlebar to the main unit using the provided bolts and knobs. Ensure the handle is securely locked in the operating position.
3. Assemble the grass collection bag if it came disassembled.
4. Mount the grass collection bag onto the rear of the mower.

3.2 Initial Checks

Before first use, perform the following checks:

- **Engine Oil:** Check the engine oil level. Fill with appropriate 4-stroke engine oil if necessary (refer to engine manual for oil type and capacity).
- **Fuel:** Fill the fuel tank with fresh, unleaded gasoline. Do not overfill.
- **Spark Plug:** Ensure the spark plug cap is securely connected.
- **Blades:** Inspect the cutting blade for sharpness and damage. Ensure it is securely fastened.
- **Fasteners:** Check all nuts, bolts, and screws for tightness.

4. OPERATION

4.1 Starting the Engine

Follow these steps to start your lawn mower:



Figure 4.1: Starting the engine by pulling the recoil starter cord.

1. Ensure the lawn mower is on a flat, level surface.
2. Press the primer bulb (if equipped) 3-5 times until fuel is visible.
3. Hold the engine stop lever (1 in Figure 2.2) firmly against the handlebar. The engine will not start unless this lever is held.
4. Pull the recoil starter cord with a swift, continuous motion until the engine starts. Do not let the cord snap back.
5. Once the engine starts, release the recoil starter cord slowly.
6. To engage the rear-wheel drive, hold the drive lever (2 in Figure 2.2) against the handlebar. Release it to disengage.

4.2 Mowing

For best results, mow when the grass is dry. Overlap cutting swaths slightly to ensure even coverage.



Figure 4.2: The lawn mower in operation on a lawn.

4.3 Cutting Height Adjustment

The Lehmann LGALM-2646 features a 7-stage central cutting height adjustment, ranging from 25 mm to 70 mm.

1. Turn off the engine and wait for the blade to stop completely.
2. Locate the cutting height adjustment lever, typically near one of the rear wheels.
3. Pull the lever outwards and move it to the desired height setting. The settings are usually numbered or indicated by notches.
4. Ensure all wheels are set to the same height for an even cut.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your lawn mower. Always disconnect the spark plug cap before performing any maintenance.

5.1 Cleaning

Clean the mower after each use, especially the cutting deck, to prevent grass buildup and corrosion.



Figure 5.1: Area under the cutting deck that requires regular cleaning to prevent grass buildup and maintain performance.

- Remove the grass collection bag and empty it.
- Tilt the mower onto its side (with the carburetor facing upwards to prevent oil leakage) and scrape off any accumulated grass clippings from the underside of the deck.
- Clean the exterior with a damp cloth. Do not use a high-pressure washer directly on the engine or electrical components.



Figure 5.2: The robust steel housing is designed to resist corrosion, contributing to the mower's longevity.

5.2 Blade Care

A sharp blade ensures a clean cut and healthy lawn. Inspect the blade regularly for sharpness and damage.

- If the blade is dull, it can be sharpened by a qualified service technician or replaced.
- If the blade is bent or damaged, it must be replaced immediately to prevent vibration and potential injury.

5.3 Storage

For long-term storage (over 30 days), prepare the mower as follows:

- Drain the fuel tank or add a fuel stabilizer. Run the engine until it stops to consume all fuel in the carburetor.
- Change the engine oil.
- Clean the entire mower thoroughly.
- Store in a dry, well-ventilated area, away from direct sunlight and extreme temperatures. The folding handle allows for more compact storage.

6. TROUBLESHOOTING

This section provides solutions to common problems you might encounter.

Problem	Possible Cause	Solution
Engine does not start	No fuel; Spark plug cap loose; Engine stop lever not held; Stale fuel; Clogged fuel filter; Faulty spark plug.	Add fresh fuel; Connect spark plug cap securely; Hold engine stop lever; Drain and refill with fresh fuel; Clean/replace fuel filter; Replace spark plug.
Engine runs rough or stalls	Dirty air filter; Stale fuel; Clogged carburetor; Incorrect oil level.	Clean/replace air filter; Drain and refill with fresh fuel; Clean carburetor (professional service recommended); Adjust oil level.
Uneven cut	Dull or bent blade; Wheels set to different heights; Uneven terrain.	Sharpen or replace blade; Ensure all wheels are at the same cutting height; Mow on level ground where possible.
Excessive vibration	Bent or unbalanced blade; Loose blade bolt; Debris caught in blade area.	Inspect and replace blade if bent; Tighten blade bolt; Clear debris from under the deck.

7. SPECIFICATIONS

Technical data for the Lehmann LGALM-2646 Gasoline Lawn Mower.

Feature	Detail
Model Number	LGALM-2646
Engine Displacement	146 cm ³
Engine Power	3.5 HP
Drive Type	Rear-Wheel Drive (Gasoline-powered)
Cutting Width	46 cm
Cutting Height Adjustment	7-stage central adjustment
Cutting Height Range	25 - 70 mm
Housing Material	Robust Steel
Handlebar	Folding function
Item Weight	29 kg
Product Dimensions (D x W x H)	150 x 52 x 112 cm
Color	Black / Red

8. WARRANTY AND SUPPORT





For warranty information or technical support, please contact Lehmann customer service. Keep your purchase receipt as proof of purchase.

For further assistance, visit the official Lehmann website or contact your local dealer.

Manufacturer: Lehmann

Brand: LEHMANN

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