

LEHMANN LGALM-2642

LEHMANN LGALM-2642 Self-Propelled Thermal Lawn Mower User Manual

Model: LGALM-2642

1. SAFETY INFORMATION

Read and understand all safety warnings and instructions before operating this lawn mower. Failure to follow these instructions may result in serious injury.

- Always wear appropriate personal protective equipment (PPE), including safety glasses, sturdy footwear, and hearing protection.
- Keep hands and feet away from rotating parts. The blade continues to rotate for a short period after the engine is switched off.
- Do not operate the mower in wet grass or rain.
- Clear the area of objects such as rocks, toys, and wires before mowing.
- Never allow children or untrained individuals to operate the lawn mower.
- Refuel in a well-ventilated area with the engine off and cool. Do not smoke while refueling.
- Always disconnect the spark plug wire before performing any maintenance or cleaning.

2. SETUP AND ASSEMBLY

Follow these steps to prepare your lawn mower for first use.

2.1 Unpacking

Carefully remove all components from the packaging. Ensure all parts are present according to the packing list.

2.2 Handle Assembly

1. Unfold the handle and secure it in the operating position using the provided knobs or levers.
2. Ensure all cables are routed correctly and not pinched.

2.3 Adding Engine Oil

The engine is shipped without oil. It is crucial to add the correct type and amount of oil before starting.

- Place the mower on a level surface.
- Locate the oil fill cap/dipstick.
- Carefully pour the recommended engine oil (e.g., SAE 30 or 10W-30, approximately 0.5 liters) into the oil fill opening until it reaches the 'FULL' mark on the dipstick. Do not overfill.



Image 2.3.1: A hand carefully pouring engine oil into the oil fill opening of the lawn mower. This step is essential before the first use to ensure proper engine lubrication.

2.4 Adding Fuel

Use fresh, unleaded gasoline with an octane rating of 87 or higher. Do not use E85 fuel.

- Ensure the engine is off and cool.
- Open the fuel tank cap.
- Fill the fuel tank, leaving a small space for expansion.
- Securely close the fuel tank cap.

2.5 Grass Collection Bag Attachment

Assemble the grass collection bag if necessary and attach it to the rear discharge opening of the mower.



Image 2.5.1: An overview of the LEHMANN LGALM-2642 lawn mower, including the grass collection bag, engine, and handle. Also shown are a bottle of engine oil and two cutting blades, one red and one black.

3. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and operating procedures before starting the engine.

3.1 Starting the Engine

1. Ensure the fuel tank is filled and engine oil is at the correct level.
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. Firmly grasp the starter handle and pull the starter cord with a smooth, continuous motion until the engine starts.
5. Once the engine starts, gradually move the throttle lever to the 'RUN' position.



Image 3.1.1: A hand pulling the starter cord to initiate the engine of the lawn mower.

3.2 Adjusting Cutting Height

The cutting height can be adjusted to 5 levels, ranging from 25 mm to 70 mm.

- Ensure the engine is off and the blade has stopped rotating.
- Locate the height adjustment levers, typically near the wheels.
- Move the levers to the desired cutting height setting. Ensure all wheels are set to the same height.



Image 3.2.1: A detailed view of the lawn mower's cutting height adjustment, illustrating the five available settings from 2.5 cm

(25 mm) to 7 cm (70 mm).



Image 3.2.2: A hand manipulating the red lever on the side of the lawn mower to adjust the cutting height.

3.3 Engaging Self-Propulsion

This model features self-propulsion for easier operation.

- With the engine running, engage the self-propel lever (usually located on the handle).
- The mower will begin to move forward. Release the lever to disengage self-propulsion.



Image 3.3.1: A person demonstrating the use of the LEHMANN LGALM-2642 self-propelled lawn mower, pushing it across a

well-maintained lawn.

3.4 Emptying the Grass Bag

Regularly check and empty the grass collection bag to maintain optimal cutting performance.

- Stop the engine and wait for the blade to stop completely.
- Lift the rear discharge flap and carefully remove the grass bag.
- Empty the grass clippings into a suitable container.
- Reattach the grass bag securely.



Image 3.4.1: A hand detaching the grass collection bag from the rear of the lawn mower, ready for emptying.

3.5 Stopping the Engine

To stop the engine, release the engine brake lever (usually located on the handle). The engine will shut off automatically.

4. MAINTENANCE

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

4.1 Cleaning

- After each use, clean the underside of the mower deck to prevent grass buildup.
- This model features a water hose connection for easy deck cleaning. Attach a garden hose to the nozzle, start the engine, and engage the blade for a few minutes to clean the deck.
- Clean the exterior with a damp cloth. Do not use high-pressure washers directly on the engine or electrical components.



Image 4.1.1: A detailed view showing the water hose connection on the mower deck, designed for easy cleaning of the blade and underside with water.

4.2 Blade Care

- Regularly inspect the blade for sharpness and damage. A dull blade tears grass, leading to an unhealthy lawn.
- If the blade is dull, have it sharpened or replaced by a qualified service technician.
- Always disconnect the spark plug wire before inspecting or working on the blade.



Image 4.2.1: A close-up view of the red cutting blade within the mower deck, highlighting its design for efficient grass cutting.

4.3 Engine Oil Change

Change the engine oil after the first 5 hours of operation, then every 25 hours or annually, whichever comes first.

- Run the engine for a few minutes to warm the oil.
- Stop the engine and disconnect the spark plug wire.
- Place a suitable container under the oil drain plug (or tilt the mower to drain from the fill tube).
- Remove the drain plug (or fill cap) and allow the oil to drain completely.
- Replace the drain plug and refill with the recommended amount and type of new engine oil.

4.4 Air Filter Inspection and Cleaning

Inspect the air filter regularly and clean or replace it as needed to ensure proper engine performance.



Image 4.4.1: A close-up view of the lawn mower's engine, with a focus on the air filter housing, which requires regular inspection and cleaning.

4.5 Spark Plug Inspection

Inspect the spark plug annually or every 50 hours. Clean or replace if necessary.



Image 4.5.1: A hand carefully connecting the spark plug cap to the engine, a routine maintenance task.

4.6 Storage

For long-term storage, ensure the fuel tank is empty or treated with a fuel stabilizer. Clean the mower thoroughly and store it in a dry, protected area. The foldable handle allows for space-saving storage.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your lawn mower.

Problem	Possible Cause	Solution
Engine will not start	<ul style="list-style-type: none">• No fuel or stale fuel• Engine oil level too low• Spark plug wire disconnected• Clogged air filter• Faulty spark plug	<ul style="list-style-type: none">• Fill with fresh fuel• Check and add oil• Connect spark plug wire• Clean/replace air filter• Inspect/replace spark plug

Problem	Possible Cause	Solution
Mower cuts unevenly	<ul style="list-style-type: none">• Dull or damaged blade• Uneven cutting height adjustment• Excessive grass buildup under deck	<ul style="list-style-type: none">• Sharpen or replace blade• Ensure all wheels are set to the same height• Clean mower deck
Excessive vibration	<ul style="list-style-type: none">• Bent or unbalanced blade• Loose engine mounting bolts	<ul style="list-style-type: none">• Inspect and replace blade if bent; balance if dull• Tighten all bolts
Self-propulsion not engaging	<ul style="list-style-type: none">• Drive belt loose or damaged• Control cable adjustment	<ul style="list-style-type: none">• Inspect and replace drive belt• Adjust or replace control cable

6. SPECIFICATIONS

Key technical details for the LEHMANN LGALM-2642 Lawn Mower.



Image 6.1.1: A diagram illustrating the key dimensions of the LEHMANN LGALM-2642 lawn mower, including length (139 cm), width (48 cm), and height (103 cm).

Feature	Detail
Model Number	LGALM-2642
Engine Type	146 cm ³ OHV Internal Combustion Engine
Engine Power	3.49 hp (2.6 kW)
Cutting Width	42 cm
Cutting Height Adjustment	5 levels (25 mm - 70 mm)
Grass Bag Capacity	40 Liters
Recommended Lawn Area	Up to 2000 m ²
Operation Mode	Self-Propelled (Automatic)
Material	Alloy Steel

Feature	Detail
Item Weight	29 kg
Product Dimensions (L x W x H)	Approx. 139 cm x 48 cm x 103 cm (assembled)

7. WARRANTY AND SUPPORT

LEHMANN products are designed for reliability and performance. For warranty information, please refer to the documentation included with your purchase or contact LEHMANN customer service.

7.1 Customer Support

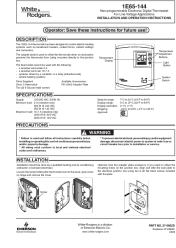


If you have any questions, require technical assistance, or need to order replacement parts, please contact LEHMANN customer support through the retailer where you purchased the product or visit the official LEHMANN website for contact details.

When contacting support, please have your model number (LGALM-2642) and purchase date available.

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Related Documents - LGALM-2642

	<p>Lehmann Chowmei Blender Ręczny - Instrukcja Obsługi</p> <p>Kompleksowa instrukcja obsługi blendera ręcznego Lehmann Chowmei, zawierająca szczegółowe informacje dotyczące bezpieczeństwa, użytkowania, czyszczenia i gwarancji. Dokument dostępny w wielu językach.</p>
	<p>LEHMANN Management Software User Guide: Configuration and Operation</p> <p>Comprehensive user guide for LEHMANN Management Software (LMS), detailing configuration, operation, and management of LEHMANN RFID systems in both offline and online modes. Covers transponder and lock management, user settings, and system administration.</p>
	<p>LEHMANN CNC Rotary Tables - Main Catalog Edition 4 PGD, E, DD Series</p> <p>LEHMANN's Main Catalog Edition 4 for CNC Rotary Tables. Explore PGD, E-Series, DD Series, and more. High-speed, backlash-free solutions for industrial automation and precision manufacturing.</p>

	<p>White Rodgers 1E65-144 Non-Programmable Electronic Digital Thermostat Installation and Operation</p> <p>Comprehensive guide for installing and operating the White Rodgers 1E65-144 non-programmable electronic digital thermostat, designed for electric heating systems.</p>
	<p>Руководство пользователя Casio G-3101/3200/3210/3310 Модуль 2453/2642</p> <p>Полное руководство пользователя для часов Casio G-3101, G-3200, G-3210, G-3310 (Модули 2453, 2642). Узнайте о водозащите, настройке времени, будильниках, секундомере, таймере и многом другом.</p>
	<p>Race for the Galaxy Rulebook</p> <p>A comprehensive rulebook for the board game Race for the Galaxy, detailing setup, gameplay phases (Explore, Develop, Settle, Consume, Produce), card powers, and game end conditions. Players build galactic empires by managing cards representing worlds and developments.</p>