Stihl RMA 339 C

Stihl RMA 339 C Cordless Mower Set User Manual

Model: RMA 339 C | Includes AK 20 Battery and AL 101 Charger

Introduction

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Stihl RMA 339 C Cordless Mower Set. Please read this manual thoroughly before initial use and keep it for future reference.



An image showing the Stihl RMA 339 C cordless lawn mower in orange and white, alongside its black AK 20 battery and AL 101 charger. The mower features a foldable handle for compact storage and a grass collection box at the rear.

Safety Instructions

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury when operating this product.

- Read all instructions before using the appliance.
- Keep children and bystanders away while operating the mower.
- Wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and sturdy footwear.
- Do not operate the mower in wet conditions or rain.

- Ensure the battery is fully charged before use and removed when not in operation or during maintenance.
- Inspect the mowing area for objects that could be thrown by the blade.

Package Contents

Verify that all components are present in the package:

- Stihl RMA 339 C Cordless Mower Unit
- Stihl AK 20 Battery
- Stihl AL 101 Charger
- Grass Catcher Box
- Instruction Manual (this document)

Setup

1. Handle Assembly

Unfold the handle and secure it in the operating position using the quick-release levers or knobs provided. Ensure the handle is firmly locked to prevent movement during operation.

2. Grass Catcher Assembly

Assemble the grass catcher box according to the diagrams in the separate assembly sheet (if provided). Attach the assembled grass catcher to the rear of the mower unit.

3. Battery Charging and Installation

1. Connect the AL 101 charger to a standard AC power outlet.
2. Insert the AK 20 battery into the charger. The charging indicator light on the charger will illuminate.
3. Allow the battery to fully charge. Refer to the charger's indicator lights for charging status.
4. Once charged, remove the battery from the charger.
5. Open the battery compartment on the mower.
6. Slide the charged AK 20 battery into the compartment until it clicks securely into place.
7. Close the battery compartment cover.

Operating Instructions

1. Adjusting Cutting Height

The Stihl RMA 339 C offers 6 cutting height positions. To adjust, locate the height adjustment lever on the mower deck. Move the lever to the desired position. Ensure all wheels are set to the same height for an even cut.

2. Starting the Mower

To start, press and hold the safety button on the handle, then pull the bail lever towards the handle. The motor will start. Release the safety button once the motor is running.

3. Stopping the Mower

Release the bail lever to stop the mower. The blade will cease rotation within a few seconds.

4. Mowing Tips

- Mow in overlapping rows for a consistent finish.
- Avoid cutting more than one-third of the grass blade length at a time.
- Empty the grass catcher regularly to maintain optimal performance.
- For best results, mow when the grass is dry.

Maintenance

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

1. Cleaning

- Always remove the battery before cleaning.
- Clean the underside of the mower deck after each use to prevent grass buildup. Use a brush or scraper.
- Wipe down the exterior surfaces with a damp cloth. Do not use strong detergents or solvents.

2. Blade Care

- Inspect the blade regularly for sharpness and damage. A dull blade can tear grass, leading to an unhealthy lawn.
- If the blade is dull or damaged, have it sharpened or replaced by an authorized Stihl service center.
- When handling the blade, wear heavy-duty gloves.

3. Storage

- Remove the battery before storing the mower.
- Clean the mower thoroughly before long-term storage.
- Store the mower in a dry, secure location, away from direct sunlight and extreme temperatures.
- The handle can be folded for compact storage.

Troubleshooting

Problem	Possible Cause	Solution
Mower does not start.	Battery not inserted correctly or discharged. Safety button/bail lever not engaged.	Ensure battery is fully charged and properly seated. Engage safety button and pull bail lever simultaneously.
Mower stops during operation.	Battery discharged. Overload protection activated.	Recharge or replace battery. Reduce load by raising cutting height or mowing smaller sections.
Uneven cutting.	Cutting height not set evenly. Dull or damaged blade.	Ensure all wheels are set to the same cutting height. Inspect and replace/sharpen blade if necessary.

Problem	Possible Cause	Solution
Excessive vibration.	Damaged or unbalanced blade. Loose components.	Stop mower immediately. Inspect blade for damage. Check for loose nuts or bolts. Contact service if problem persists.

Specifications

Feature	Detail
Brand	Stihl
Model Number	RMA 339 C
Power Source	Battery (AK 20)
Charger Model	AL 101
Material	Alloy Steel
Color	Orange
Cutting Height Positions	6
Operation Mode	Manual Push
Product Dimensions (L x W x H)	51.18 x 16.14 x 9.84 inches
Item Weight	13.2 pounds
UPC	886661827886

Warranty and Support

For warranty information, please refer to the separate warranty card included with your product or visit the official Stihl website. Keep your proof of purchase for warranty claims.
For technical support, spare parts, or service, please contact your authorized Stihl dealer or visit the Stihl official website for contact information.
Official Stihl Website: www.stihl.com

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