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Stihl FSA 60 R

Stihl FSA 60 R Battery Trimmer User Manual

Model: FSA 60 R | Brand: Stihl

1. Introduction

Product Overview

The Stihl FSA 60 R is a modern, battery-operated brush cutter designed for effective lawn care and precise lawn edge trimming. It features a cutting circle diameter of 350 mm, an ergonomic control handle with continuous speed adjustment, a comfortable circular handle, and a sturdy aluminium rod for durability and ease of use. A spacer bracket is included to facilitate mowing around obstacles such as trees and bushes. The trimmer is equipped with the AutoCut C 6-2 mower head.

Key Features:

- Cordless operation for enhanced mobility.
- Continuous speed adjustment for precise control.
- Lightweight design at approximately 3.1 kg.
- Equipped with AutoCut C 6-2 mower head.
- Includes charger and battery for immediate use.

2. Important Safety Information

Warning: This product can produce flying debris and cut hazards. Always wear protective safety gear when operating and avoid contact with eyes and skin. Use only for intended lawn care and lawn edge trimming purposes.
Before operating the Stihl FSA 60 R, carefully read and understand all safety instructions provided in this manual. Failure to follow these instructions may result in serious injury or property damage.

General Safety Guidelines:

- Always wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, long trousers, sturdy footwear, and gloves.
- Keep bystanders, children, and pets at a safe distance (at least 15 meters) from the operating area.

- Inspect the work area for objects that could be thrown or entangled in the cutting line before starting.
- Do not operate the trimmer in wet conditions or rain.
- Ensure the battery is fully charged and properly inserted before use.
- Never modify the trimmer or use non-approved attachments.
- Disconnect the battery before performing any maintenance, cleaning, or when the trimmer is not in use.

3. Setup and Assembly

The Stihl FSA 60 R requires some assembly before its first use. Follow these steps carefully to ensure proper and safe operation.

Components Overview:



Image: The Stihl FSA 60 R Battery Trimmer, showcasing the main unit, the battery charger, and the battery pack. The trimmer features an orange and white motor housing, a silver shaft, a black circular handle, and an orange cutting head with a guard.

Assembly Steps:

1. **Attach the Guard:** Securely fasten the cutting guard to the trimmer head using the provided screws. Ensure it is firmly in place to protect against debris.
2. **Install the Circular Handle:** Slide the circular handle onto the shaft and adjust its position for comfortable operation. Tighten the clamping mechanism to fix it in place.
3. **Charge the Battery:** Before first use, fully charge the battery using the supplied charger. Connect the charger to a power outlet and insert the battery. The indicator light on the charger will show the charging status.
4. **Insert the Battery:** Once charged, slide the battery into the battery compartment on the trimmer until it clicks securely into place.

4. Operating Instructions

Familiarize yourself with the controls and proper operating techniques for efficient and safe trimming.

Starting and Stopping:

- **To Start:** Ensure the battery is inserted. Press and hold the safety lock-out button, then squeeze the trigger switch. The motor will start.
- **Speed Adjustment:** The trigger switch allows for continuous speed adjustment. Press it further to increase the cutting speed.
- **To Stop:** Release the trigger switch. The motor will stop.

Trimming Techniques:

- **Sweeping Motion:** Use a gentle sweeping motion, moving the trimmer from side to side, to cut grass evenly.
- **Edging:** For precise lawn edges, tilt the trimmer slightly to use the very end of the cutting line.
- **Using the Spacer Bracket:** Extend the spacer bracket when trimming near delicate objects, trees, or bushes to maintain a safe distance and prevent damage.
- **AutoCut C 6-2 Head:** This head automatically feeds line when tapped against the ground during operation. Do not force the line out manually.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Stihl FSA 60 R.

Cleaning:

- After each use, disconnect the battery.
- Clean the trimmer head, guard, and motor housing with a damp cloth. Remove any grass clippings or debris.
- Do not use strong detergents or solvents.

String Replacement (AutoCut C 6-2):

Refer to the specific instructions provided with the AutoCut C 6-2 head for detailed string replacement procedures. Generally, this involves winding new line onto the spool. Ensure you use the correct diameter and type of cutting line recommended by Stihl.

Battery Care and Storage:

- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, charge the battery to approximately 60-80% capacity.
- Do not store the trimmer with the battery inserted.

General Storage:

Store the trimmer in a secure, dry location, out of reach of children. Ensure it is clean and free of debris before storage.

6. Troubleshooting Common Issues

This section provides solutions to common problems you might encounter with your Stihl FSA 60 R.

Problem	Possible Cause	Solution
Trimmer does not start	Battery not charged or not inserted correctly; Safety lock-out not engaged.	Charge battery fully and ensure it is clicked into place. Press safety lock-out button before squeezing trigger.
Cutting line not feeding	Line tangled or too short; Spool empty; Head clogged with debris.	Tap the trimmer head on the ground during operation. Replace cutting line if empty or tangled. Clean debris from head.
Reduced cutting performance	Dull or worn cutting line; Battery low.	Replace cutting line. Recharge battery.
Excessive vibration	Damaged cutting head or unbalanced line.	Inspect cutting head for damage. Ensure cutting line is evenly wound on spool.

7. Technical Specifications

Detailed specifications for the Stihl FSA 60 R Battery Trimmer.

Specification	Value
Model Number	FSA 60 R
Manufacturer	STIHL
Item Weight	3.1 kg
Power Source Type	Battery Powered
Cutting Width	350 Millimetres

Specification	Value
Speed	18000 RPM
Cordless	Yes
Colour	Black, Silver, Orange, White
Assembly Required	Yes
Recommended Uses	Lawn care and lawn edge trimming

8. Warranty and Customer Support

For information regarding the product warranty, please refer to the warranty card included with your purchase or visit the official Stihl website. Warranty terms and conditions may vary by region.
Should you require technical assistance, spare parts, or have any questions not covered in this manual, please contact your authorized Stihl dealer or Stihl customer support. Contact details can typically be found on the Stihl official website or in your product packaging.
Always provide your product model number (FSA 60 R) and serial number when contacting support to ensure efficient service.

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