Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Stihl A-2552

Stihl Spring for Auto Cut 2-2 - FSE 52 - FSA 56 - Brush Cutter

Official Instruction Manual

Product Overview

This manual provides essential information for the proper installation, operation, and maintenance of the Stihl Replacement Spring, designed for use in Auto Cut 2-2 trimmer heads. This spring is a critical wear part within the spool housing, ensuring correct line feeding for various Stihl brush cutters and trimmers, including models FSE 41, FSE 52, and FSA 56.

Setup and Installation

The Stihl replacement spring is designed to be installed within the spool housing of compatible Auto Cut 2-2 trimmer heads. Proper installation is crucial for the trimmer's functionality.

1. **Safety First:** Before beginning any installation, ensure the trimmer is turned off and disconnected from its power source (battery removed or spark plug cap disconnected). Wear appropriate personal protective equipment, including gloves and eye protection.
2. **Access the Spool Housing:** Refer to your specific trimmer model's user manual for instructions on how to safely open and access the spool housing of the Auto Cut 2-2 trimmer head. This typically involves unscrewing or unlatching parts of the head.
3. **Remove Old Spring:** Carefully remove the old or damaged spring from its position within the spool housing. Note its orientation for correct replacement.
4. **Insert New Spring:** Place the new Stihl replacement spring (Model A-2552) into the designated slot or cavity within the spool housing. Ensure it sits securely and is oriented correctly to allow for proper compression and expansion.
5. **Reassemble Trimmer Head:** Reassemble the spool housing and trimmer head according to your trimmer's manual. Ensure all parts are securely fastened.
6. **Functionality Check:** After reassembly, perform a manual check to ensure the trimmer line can be advanced and retracted smoothly by pressing the head against a hard surface (without power).



Figure 1: The Stihl replacement spring, a coiled metal component essential for the trimmer head's line feeding mechanism. This image shows the spring in a vertical orientation, highlighting its uniform coils.

Operating Principle

The spring's primary function is to provide the necessary tension and recoil for the "tap-and-go" or "Auto Cut" line feeding system. When the trimmer head is tapped against the ground during operation, the spring allows the spool to momentarily release, advancing the trimmer line. The spring then returns the spool to its original position, preventing further line release until the next tap.

- **Line Advancement:** The spring facilitates the controlled release of trimmer line when the head is bumped.
- **Spool Return:** It ensures the spool returns to a stable position after line advancement, preventing over-feeding.
- **Consistent Performance:** A properly functioning spring is vital for consistent and reliable line feeding during trimming operations.



Figure 2: Another view of the Stihl replacement spring, showing its robust construction and consistent coil spacing, which are crucial for its function within the trimmer head.

Maintenance

As a wear part, the spring does not require active maintenance beyond periodic inspection and replacement when necessary.

- **Regular Inspection:** During routine maintenance of your trimmer head (e.g., when replacing trimmer line), inspect the spring for signs of wear, corrosion, deformation, or breakage.
- **Cleanliness:** Ensure the spring and its housing are free from dirt, debris, and grass clippings, which can impede its movement.
- **Replacement:** Replace the spring immediately if it shows any signs of damage or if the trimmer head is no longer feeding line correctly. Using a damaged spring can lead to inefficient operation or further damage to the trimmer head.

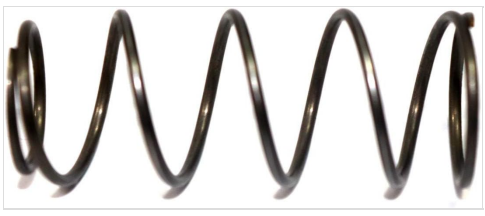


Figure 3: The Stihl replacement spring shown horizontally, illustrating its full length and the consistent diameter of its coils. This perspective helps in understanding its fit within the trimmer head's mechanism.

Troubleshooting

If your Stihl trimmer head is experiencing issues with line feeding, the spring may be a contributing factor.

- **Line Not Advancing:** If the trimmer line does not advance when the head is tapped, the spring might be broken, deformed, or jammed with debris. Inspect and replace if necessary.
- **Line Over-Advancing:** If the line advances too much or continuously, the spring may have lost its tension or is not returning the spool correctly. This indicates a need for replacement.
- **Unusual Noises from Trimmer Head:** While less common for a spring, unusual noises could indicate a broken spring piece rattling inside the housing.

Always ensure that the issue is not related to incorrect line winding, incorrect line type, or other mechanical failures of the trimmer head before concluding the spring is the sole cause.

Specifications

Attribute	Detail
Brand Name	Stihl
Item Weight	0.352 ounces
Product Dimensions	8.27 x 6.69 x 5.51 inches
Item Model Number	A-2552
Number of Items	1
ASIN	B07H6NCNF4
Manufacturer	Stihl

Warranty Information

Specific warranty details for this replacement part are not provided in the available product information. Please refer to the official Stihl website or contact Stihl customer support for warranty inquiries regarding replacement parts.

Support and Contact

For further assistance, technical support, or to purchase genuine Stihl replacement parts, please visit the official Stihl website or contact an authorized Stihl dealer. Contact information for Stihl can typically be found on their official website or within the original product manual for your Stihl trimmer.
Online Resources: Stihl USA Official Website

© 2024 Stihl. All rights reserved. This manual is for informational purposes only.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B07H6NCNF4

More documents and user manuals: **https://manuals.plus/**