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› SWTHM String Trimmer Spool & Cap User Manual

SWTHM HT21-401-003-03

SWTHM String Trimmer Spool & Cap User Manual

Model: HT21-401-003-03

PRODUCT OVERVIEW

This user manual provides essential information for the installation, use, and maintenance of your SWTHM String Trimmer Replacement Spools and Caps. Designed for compatibility with various Hyper Tough string trimmer models, these replacement parts ensure efficient and continuous operation of your lawn care equipment.

The package includes pre-wound spools with 0.06-inch diameter nylon line, approximately 17 feet (5.2 meters) in length, and durable ABS caps. These components are engineered for easy replacement and reliable performance.

COMPATIBILITY

These replacement spools and caps are compatible with the following Hyper Tough string trimmer models:

- Hyper Tough 20V Max Cordless 13-inch Battery Powered String Trimmer, HT22-401-03-05
- Hyper Tough 20V MAX Cordless 12-Inch String Trimmer, HT19-401-003-06
- Hyper Tough 20V MAX Cordless Trimmer Sweeper Combo, HT19-401-003-07
- Hyper Tough 20V Max Cordless 12-Inch String Trimmer, HT21-401-003-02
- Hyper Tough 20V MAX Cordless 13-inch String Trimmer, HT21-401-003-03



This image illustrates the various Hyper Tough string trimmer models that are compatible with these replacement spools and caps, ensuring proper fit and function.

PRODUCT COMPONENTS AND SPECIFICATIONS



This image displays the complete set of replacement spools and caps included in the package, ready for use.

Package Contents:

- 6 x Trimmer Replacement Spools (pre-wound)
- 1 x String Trimmer Spool Cap

Detailed Specifications:

Feature	Description
Shell Material	ABS (Acrylonitrile Butadiene Styrene)
Thread Material	Nylon
Spool Line Diameter	0.06 inches (1.6 mm)
Spool Line Length	Approximately 17 feet (5.2 meters)
Spool Dimensions	54mm (diameter) x 20mm (height)
Cap Dimensions	74mm (diameter) x 32mm (height)
Item Weight	Spool: 25g, Cap: 17g
Package Dimensions	8.27 x 5.51 x 1.38 inches

Product Size



This diagram provides precise measurements for both the replacement spool and the cap, aiding in proper identification and fit.



A detailed view of the spool highlights the line diameter (0.06 inches / 1.6mm) and total length (17 feet / 5.2 meters).

INSTALLATION AND SETUP

Replacing the string trimmer spool and cap is a straightforward process that does not require additional tools. Always ensure the trimmer is powered off and disconnected from its power source (battery removed for cordless models) before beginning any maintenance or installation.

1. **Remove the Old Cap:** Locate the existing cap on the trimmer head. Press any release tabs or twist the cap counter-clockwise to remove it.
2. **Remove the Old Spool:** Once the cap is off, carefully lift out the old string spool.
3. **Insert the New Spool:** Take a new pre-wound replacement spool. Ensure the line is properly secured in the spool's retaining slots. Align the spool with the trimmer head's spindle and gently push it into place. Make sure it sits flush.
4. **Attach the New Cap:** Place the new cap over the spool, aligning any tabs or grooves. Press down firmly and/or twist clockwise until it clicks securely into place. Ensure the cap is fully seated to prevent it from coming loose during operation.



This image demonstrates the ease of replacing the spool and cap, showing the components separated from the trimmer head.

Compatible with Hy-per Tough HT-19-401-003-06 & HT-19-401-003-07. Fits Hy-per Tough Auto Single-line feed cutting system



This image shows the replacement spool and cap correctly installed on a compatible string trimmer, ready for use.

OPERATING INSTRUCTIONS

Once the new spool and cap are installed, your string trimmer is ready for operation. These spools are designed to work with single-line feed cutting systems, often featuring an automatic feed mechanism.

- **Automatic Line Feed:** Most compatible trimmers will automatically feed new line as it wears down. This typically occurs when the trimmer head is tapped against the ground during operation.
- **Optimal Performance:** For best cutting results, ensure the line is extended to its full length before starting. The trimmer's blade will cut the line to the appropriate length during initial operation.
- **Safety First:** Always refer to your string trimmer's original user manual for specific operating instructions and safety guidelines.



Compatible with
Hy-per Tough HT-19-401-003-06 &
HT-19-401-003-07
Fits Hy-per Tough Auto Single-line feed cutting system

This image depicts a string trimmer in active use, demonstrating the product's function in a typical lawn care scenario.

MAINTENANCE

Proper maintenance of your string trimmer spools and caps will extend their lifespan and ensure consistent performance.

- **Storage:** Store unused spools in a cool, dry place away from direct sunlight. Extreme temperatures can affect the nylon line's flexibility and durability.
- **Inspection:** Periodically inspect the spool and cap for signs of wear, cracks, or damage. Replace components if they show significant wear to prevent operational issues.
- **Cleaning:** After use, clean any grass clippings or debris from the trimmer head and cap to ensure smooth operation of the line feed mechanism.

TROUBLESHOOTING

If you encounter issues with your replacement spools or caps, consider the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Line not feeding automatically.	<ul style="list-style-type: none"> Cap not fully seated or too tight. Line tangled or fused on the spool. Debris in the feed mechanism. 	<ul style="list-style-type: none"> Remove and re-install the cap, ensuring it clicks securely without excessive force. Remove the spool and manually untangle or free the line. If line is fused, replace the spool. Clean the trimmer head and feed mechanism of any grass or dirt.
Cap is difficult to remove or install.	<ul style="list-style-type: none"> Incorrect alignment. Manufacturing tolerance variations. 	<ul style="list-style-type: none"> Ensure proper alignment of tabs and grooves before applying force. If consistently difficult, contact customer support for assistance.
Line breaks frequently.	<ul style="list-style-type: none"> Cutting against hard surfaces (e.g., concrete, fences). Old or brittle line. 	<ul style="list-style-type: none"> Avoid contact with hard surfaces. Ensure spools are stored correctly to maintain line integrity.

SAFETY INFORMATION

When operating a string trimmer, even when only replacing parts, always prioritize safety. The following precautions are recommended:

- **Personal Protective Equipment (PPE):** Always wear appropriate safety gear, including safety goggles or glasses to protect your eyes from flying debris, and long pants to protect your legs.
- **Power Disconnection:** Before installing or removing spools and caps, ensure the string trimmer is completely powered off and disconnected from its power source (e.g., remove the battery pack from cordless models).
- **Clear Work Area:** Keep bystanders, especially children and pets, away from the work area when operating the trimmer.
- **Inspect Before Use:** Before each use, inspect the trimmer head, spool, and cap for any damage or loose parts. Do not operate if components are damaged.

WARRANTY AND SUPPORT

Specific warranty details for this product are not provided in this manual. For information regarding warranty coverage, returns, or technical support, please contact the seller or manufacturer directly through your purchase platform. For general inquiries or further assistance, please refer to the contact information provided by the retailer where you purchased this product.

