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CDIYTOOL Replacement Trimmer Spool

Instruction Manual: CDIYTOOL Replacement Trimmer Spool

Model: Replacement Trimmer Spool (Compatible with various Hy-per Tough models)

Brand: CDIYTOOL

PRODUCT OVERVIEW

This manual provides instructions for the CDIYTOOL Replacement Trimmer Spool, designed for use with specific Hy-per Tough 20V Max Cordless String Trimmers. These spools are pre-wound with durable nylon thread and come with replacement caps, facilitating easy and quick replacement for continuous trimming operations.

Material: ABS plastic spool with durable nylon thread.

Color: Black spool with white line, red cap.



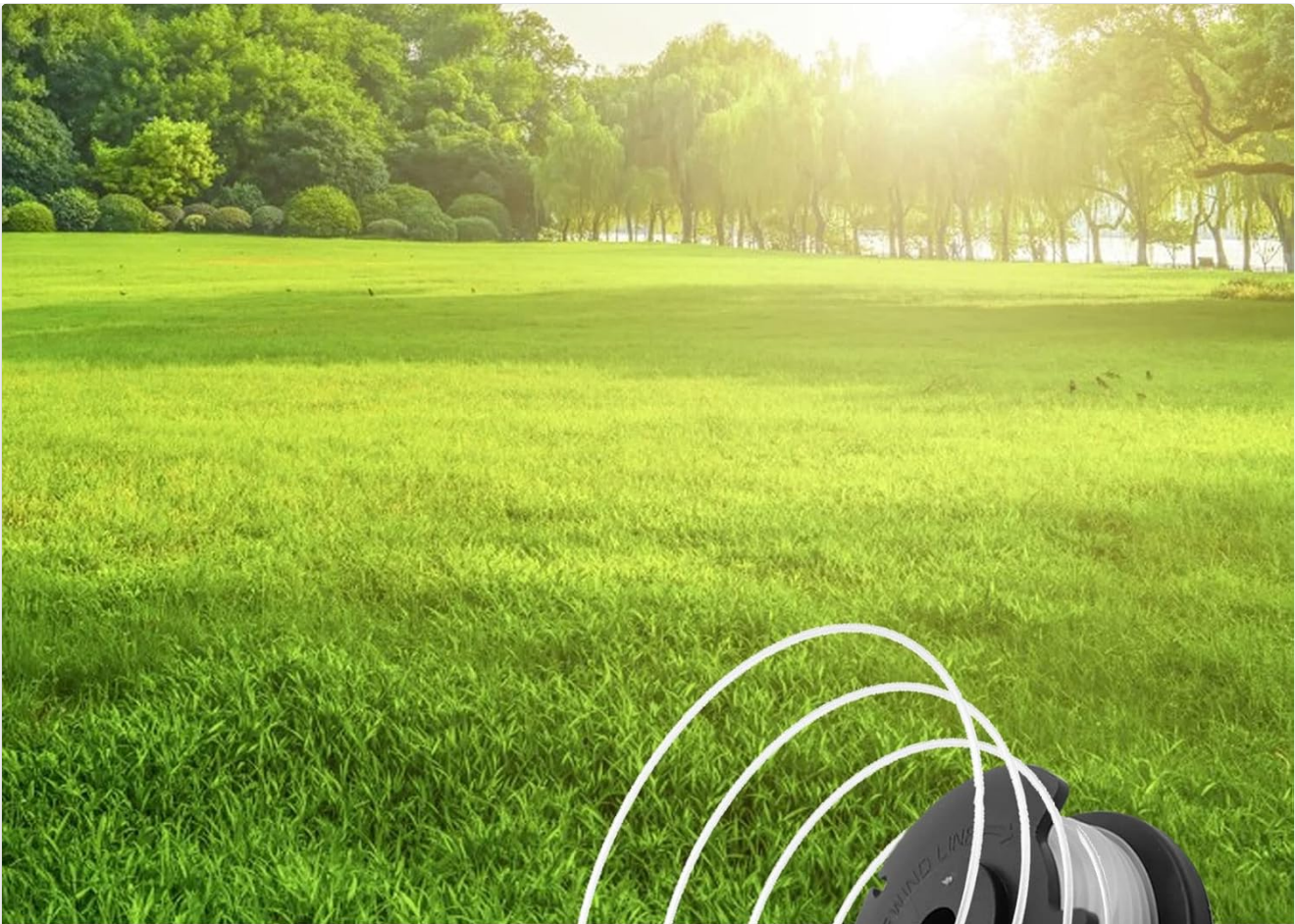
Image: A collection of black replacement trimmer spools, pre-wound with white line, alongside two red replacement caps. This image displays the full contents of the product package.

SPECIFICATIONS

Attribute	Detail
Spool Diameter	56.8 mm (2.24 inches)
Spool Height	24 mm (0.94 inches)
Cap Diameter	75 mm (2.95 inches)
Cap Height	33 mm (1.3 inches)
Line Diameter	0.06 inches (1.6 mm)
Line Length per Spool	17 feet (5.2 meters)
Material	ABS Spool, Durable Nylon Thread
Item Weight	6.4 ounces (total package)
Package Dimensions	3 x 1 x 1 inches



Image: A detailed diagram illustrating the precise measurements of both the replacement trimmer spool and the cap in millimeters and inches, providing clear dimensional specifications.



Dia: 0.06in/1.6mm
Line Length: 17FT/5.2M

Image: A black trimmer spool with a section of its white nylon line uncoiled, clearly indicating the line's diameter (0.06in/1.6mm) and total length (17FT/5.2M).

COMPATIBILITY

These replacement trimmer spools and caps are compatible with the following Hy-per Tough string trimmer models:

- Hy-per Tough 20V Max Cordless 13-inch Battery Powered String Trimmer, HT22-401-03-05
- Hy-per Tough 20V MAX Cordless 12-Inch String Trimmer, HT19-401-003-06
- Hy-per Tough 20V MAX Cordless Trimmer Sweeper Combo, HT19-401-003-07
- Hy-per Tough 20V Max Cordless 12-Inch String Trimmer, HT21-401-003-02
- Hy-per Tough 20V MAX Cordless 13-inch String Trimmer, HT21-401-003-03
- Hy-per Tough 4.6-Amp 13in Electric String Trimmer HT21-401-002-04

**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**



Image: A close-up view of a replacement trimmer spool and cap positioned on a Hy-per Tough string trimmer, set against a vibrant green lawn, demonstrating the product's intended use and compatibility.

Compatible with

Hy-per Tough 20V Max Cordless 13-inch Battery Powered String Trimmer, HT22-401-03-05

Hy-per Tough 20V MAX Cordless 12-Inch String Trimmer, HT19-401-003-06

Hy-per Tough 20V MAX Cordless Trimmer Sweeper Combo, HT19-401-003-07

Hy-per Tough 20V Max Cordless 12-Inch String Trimmer, HT21-401-003-02

Hy-per Tough 20V MAX Cordless 13-inch String Trimmer, HT21-401-003-03

Hy-per Tough 4.6-Amp 13in Electric String Trimmer HT21-401-002-04



Image: A replacement trimmer spool displayed next to a Hy-per Tough string trimmer, with a superimposed text overlay listing the various compatible Hy-per Tough trimmer models.

PACKAGE CONTENTS

Each package contains the following components, depending on the set purchased:

- **Set 1:** 8 pieces of pre-wound trimmer spools + 2 pieces of replacement caps
- **Set 2:** 12 pieces of pre-wound trimmer spools + 2 pieces of replacement caps

The well-matched combination ensures you have sufficient replacements for extended use.

SETUP AND INSTALLATION

Replacing the trimmer spool and cap is a straightforward process designed for quick installation without the need for additional tools. Follow these steps:

1. **Ensure Safety:** Before beginning, ensure your string trimmer is turned off and disconnected from its power

source (battery removed for cordless models, unplugged for corded models) to prevent accidental startup.

2. **Remove Old Cap and Spool:** Locate the spool housing at the bottom of your trimmer head. Press the tabs or release buttons on the sides of the cap and carefully pull the old cap off. Then, remove the old spool from the housing.
3. **Clean Housing (Optional):** Inspect the spool housing for any debris, grass clippings, or tangled line. Clean it thoroughly to ensure the new spool fits correctly and operates smoothly.
4. **Install New Spool:** Take a new pre-wound replacement spool. Align the ends of the trimmer line with the eyelets or guides on the trimmer head. Place the new spool into the housing, ensuring it sits securely and the line feeds correctly through the guides.
5. **Attach New Cap:** Place the new replacement cap over the spool and housing. Press down firmly until it clicks into place, ensuring all tabs are securely engaged.
6. **Verify Installation:** Gently pull on the trimmer line to ensure it feeds freely. Reconnect the power source to your trimmer.

The pre-wound auto-feed system replacement spools are designed to simplify this process, eliminating the tedious work of hand-winding.



Image: A Hy-per Tough string trimmer with its spool and cap detached, illustrating the components involved in the replacement

process. The new spool and cap are shown ready for installation.

OPERATING INSTRUCTIONS

Once the replacement spool and cap are correctly installed, your trimmer is ready for operation. These spools are designed to work with your trimmer's auto-feed system.

- **Automatic Line Feed:** During operation, the trimmer's auto-feed mechanism will automatically advance the line as it wears down. This ensures a consistent cutting diameter and efficient trimming.
- **Optimized Performance:** The durable nylon thread and ABS spool construction are designed to reduce drag and facilitate fast, efficient cutting.
- **Line Management:** Avoid intentionally hitting hard surfaces (like concrete or rocks) with the line, as this will accelerate wear and require more frequent line advancement.



Image: A composite image showing four different individuals actively using string trimmers in various outdoor settings, demonstrating the practical application of the replacement spools in real-world trimming tasks.

Proper maintenance of your trimmer spools can extend their lifespan and ensure consistent performance:

- **Storage:** Store unused spools in a cool, dry place away from direct sunlight and extreme temperatures. This helps preserve the integrity and flexibility of the nylon line.
- **Inspection:** Before each use, inspect the installed spool and line for any signs of damage, excessive wear, or tangles. Replace the spool if the line is severely frayed or damaged.
- **Cleaning:** Periodically clean the spool housing and the area around the line exit points on your trimmer head to prevent buildup of grass and debris, which can impede line feed.

TROUBLESHOOTING

If you encounter issues with your trimmer spool, consider the following common problems and solutions:

- **Line Not Feeding:**
 - **Check for Tangles:** Remove the spool and inspect the line for any tangles or overlaps. Re-wind the line neatly if necessary.
 - **Debris in Housing:** Clear any grass, dirt, or debris from the spool housing and line exit eyelets.
 - **Line Stuck:** The line might be fused due to heat. Try pulling the line manually or re-winding a small section.
 - **Incorrect Installation:** Ensure the spool is seated correctly and the cap is securely fastened.
- **Line Breaking Frequently:**
 - **Cutting Technique:** Avoid "bumping" the line excessively on hard surfaces. Use a sweeping motion.
 - **Obstacles:** Be mindful of fences, rocks, and concrete, which can quickly wear down or break the line.
 - **Line Condition:** Ensure the line is not brittle from improper storage (e.g., exposure to extreme heat).
- **Spool Not Fitting:**
 - **Verify Compatibility:** Double-check that your trimmer model is listed in the compatibility section of this manual.
 - **Orientation:** Ensure the spool is inserted in the correct orientation as per your trimmer's instructions.

SAFETY INFORMATION

Always prioritize safety when working with power tools and their accessories. Adhere to the safety guidelines provided in your string trimmer's original instruction manual, in addition to the following:

- Always wear appropriate personal protective equipment (PPE), including eye protection, gloves, long pants, and sturdy footwear, when operating a string trimmer.
- Ensure the trimmer is powered off and the battery removed (or unplugged) before performing any maintenance, installation, or inspection of the spool or trimmer head.
- Keep bystanders, especially children and pets, at a safe distance from the work area.
- Use only replacement parts that are compatible with your specific trimmer model.
- Do not modify the trimmer spool or line.

WARRANTY AND SUPPORT

Specific warranty information for this replacement trimmer spool is not provided in the product details. For any

inquiries regarding product performance, compatibility, or support, please contact the manufacturer, CDIYTOOL, directly through their official channels or the retailer from whom the product was purchased. For general product information, you may visit the CDIYTOOL Store on Amazon.

