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BLACK+DECKER LST140C

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Model: LST140C

INTRODUCTION

This manual provides essential information for the safe operation, assembly, maintenance, and troubleshooting of your BLACK+DECKER 40V MAX Cordless String Trimmer and Edger Kit (LST140C). Please read this manual thoroughly before using the product and retain it for future reference.

SAFETY INFORMATION

WARNING: To reduce the risk of injury, users must read and understand this instruction manual before operating this product.

Users should wear appropriate safety gear, including safety glasses, long pants, and closed-toe shoes, and follow all manufacturer instructions for safe operation. This product can potentially cause flying debris or cut hazards during operation, and the battery may pose additional safety risks such as explosion or chemical burns if mishandled.

- Always wear eye protection when operating the trimmer.
- Keep hands and feet away from the cutting line.
- Do not operate in wet conditions.
- Ensure the battery is fully charged before use.
- Store the tool and battery in a dry, secure location away from children.

PACKAGE CONTENTS

Your BLACK+DECKER 40V MAX Cordless String Trimmer and Edger Kit (LST140C) includes the following components:

- Cordless String Trimmer/Edger Unit
- 40V MAX Lithium Ion Battery
- Battery Charger
- Spool of Trimmer Line

- Auxiliary Handle
- Guard



Figure 1: Overview of the BLACK+DECKER 40V MAX String Trimmer Kit, showing the trimmer unit, battery, charger, and a spool of trimmer line.

SETUP

1. Attaching the Guard

1. Align the guard with the slots on the trimmer head.
2. Push the guard firmly until it clicks into place. Ensure it is securely fastened before use.

2. Installing the Auxiliary Handle

1. Loosen the knob on the auxiliary handle.
2. Slide the handle onto the trimmer shaft to a comfortable position.
3. Tighten the knob to secure the handle.

3. Charging the Battery

The 40V MAX Lithium Ion battery requires charging before first use. Use only the BLACK+DECKER charger provided.

1. Plug the charger into a standard electrical outlet.
2. Slide the battery into the charger. The charging indicator light will illuminate.
3. Allow the battery to charge fully. Charging time may vary.
4. Once charged, remove the battery from the charger.



Figure 2: The 40V MAX Lithium Ion battery, showing its design and power rating.

4. Installing the Battery

1. Ensure the trimmer is turned off.
2. Slide the charged battery into the battery port on the trimmer handle until it clicks securely into place.

OPERATING INSTRUCTIONS

1. Starting and Stopping

1. To start: Press the safety lock-off button and then squeeze the trigger switch.
2. To stop: Release the trigger switch.

2. Trimming Operation

Hold the trimmer firmly with both hands. Swing the trimmer from side to side, keeping the cutting line parallel to the ground. Maintain a safe distance from objects and people.

3. Edging Operation

The LST140C converts from a trimmer to an edger. To convert:

1. Turn off the trimmer and remove the battery.
2. Rotate the shaft 180 degrees until the head is in the edging position.
3. Reinsert the battery.

For edging, guide the wheel along the edge of the pavement or garden bed, allowing the line to cut vertically.



Figure 3: The BLACK+DECKER 40V MAX String Trimmer being used in edging mode, demonstrating its versatility.

4. Automatic Feed Spool (AFS)

The AFS system automatically feeds trimmer line as needed, eliminating the need for manual bumping. This ensures continuous cutting without interruption.

5. Battery State of Charge Indicator

The 40V MAX Lithium Ion battery features a state of charge indicator. Press the button on the battery to view the charge level, indicated by LED lights.



Figure 4: Close-up of the 40V MAX Lithium Ion battery, highlighting the state of charge indicator with LED lights.

MAINTENANCE

1. Cleaning

After each use, disconnect the battery and clean the trimmer with a damp cloth. Remove any grass clippings or debris from the guard and cutting head. Do not use harsh chemicals or abrasive cleaners.

2. Replacing the Trimmer Line Spool

When the trimmer line runs out, replace the spool with a genuine BLACK+DECKER replacement spool (model number RS-136 or equivalent).

1. Turn off the trimmer and remove the battery.
2. Press the tabs on the spool cap and remove the cap.
3. Remove the empty spool.
4. Place the new spool onto the spindle, ensuring the line is threaded through the eyelet.
5. Replace the spool cap, ensuring it clicks into place.



Figure 5: A replacement spool of BLACK+DECKER trimmer line, essential for maintaining cutting performance.

3. Battery Care

- Do not store the battery in direct sunlight or in areas with high temperatures.
- Charge the battery fully before long-term storage.
- Avoid completely draining the battery to prolong its lifespan.

TROUBLESHOOTING

Refer to the table below for common issues and their solutions.

Troubleshooting

PROBLEM

Trimmer runs slowly.

SOLUTION

- Fully depress the variable speed trigger. The level of trigger depression affects speed.
- Remove battery from trimmer.
- Check that the spool housing can rotate freely. Carefully clean it if necessary.
- Check that the cutting line does not protrude more than approximately 4-13/16 inches (122mm) from the spool. If it does, cut it off so that it just reaches the line trimming blade.

Automatic line feed does not feed more line.

- More line is fed when the line shortens to approximately 3 inches (76.2mm). To determine if the line is not feeding, let line wear past this point.
- Keep the tabs depressed and remove the spool from the spool housing in the trimmer head.
- Ensure that the line is not crisscrossed on the spool as detailed in **figure T**. If it is, unwind the cutting line, then wind it back on the spool neatly so that the lines do not cross.
- Inspect tracks at the bottom of spool for damage. If damaged, replace spool.
- Pull the cutting line until it protrudes approximately 4-13/16 inches (122mm) from the spool. If insufficient cutting line is left on the spool, install a new spool of cutting line.
- Align the tabs on the spool cap with the cut outs in the housing.
- Push the spool cap onto the housing until it snaps securely into place.
- If the cutting line protrudes beyond the trimming blade, cut it off so that it just reaches the blade. If the automatic line feed still does not work or the spool is jammed, try the following suggestions:
 - Carefully clean the spool and housing.
 - Make sure you are using correct line size and diameter (0.65 inch (1.65 mm)) - smaller and larger line sizes will affect the functionality of the auto feed system.
 - Remove the spool and check if the lever in the spool housing can move freely.
 - Remove the spool and unwind the cutting line, then wind it on neatly again. Replace the spool into the housing.

Overfeeding

- Ensure you are cutting with the tip of the line (7 inches (177.8mm) from the spool). Use the edge guide if needed to ensure proper space is maintained.
- Ensure you are not exceeding a 10° angle as shown in **figure M**.

Line unravels when cap or spool is removed.

- Make sure to park the lines in holding slots (**figure R**) before removing.

Figure 6: A detailed troubleshooting guide for common issues encountered with the string trimmer.

Problem	Solution
<p>Trimmer runs slowly.</p>	<ul style="list-style-type: none"> • Fully depress the variable speed trigger. • Remove battery from trimmer. • Check that the spool housing can rotate freely. Carefully clean if necessary. • Check that the cutting line does not protrude more than approximately 4-13/16 inches (122mm) from the spool. If it does, cut it off or cut it just reaches the line trimming blade.
<p>Automatic line feed does not feed more line.</p>	<ul style="list-style-type: none"> • More line is fed when the line shortens to approximately 3 inches (76.2mm). To determine if the line is not feeding, let line wear past this point. • Keep the tabs depressed and remove the spool from the spool housing in the trimmer head. • Ensure that the line is not crisscrossed on the spool as detailed in figure T. If it is, unwind the cutting line, then wind it back on the spool neatly so that the lines do not cross. • Inspect tracks at the bottom of spool for damage. If damaged, replace spool. • Pull the cutting line until it protrudes approximately 4-13/16 inches (122mm) from the spool. If insufficient cutting line is left on the spool, install a new spool of cutting line. • Align the tabs on the spool cap with the cut outs in the housing. • Push the spool cap onto the housing until it snaps securely into place. • If the cutting line protrudes beyond the trimming blade, cut it off so that it just reaches the blade. If the automatic line feed still does not work or the spool is jammed, try the following suggestions: <ul style="list-style-type: none"> ◦ Carefully clean the spool and housing. ◦ Make sure you are using correct line size and diameter (0.065 inch (1.65 mm)). Smaller and larger line sizes will affect the functionality of the auto feed system. ◦ Remove the spool and check if the lever in the spool housing can move freely. ◦ Remove the spool and unwind the cutting line, then wind it on neatly again. Replace the spool into the housing.
<p>Overfeeding</p>	<ul style="list-style-type: none"> • Ensure you are cutting with the tip of the line (7 inches (177.8mm) from the spool). • Use the edge guide if needed to ensure proper space is maintained. • Ensure you are not exceeding a 10° angle as shown in figure M.
<p>Line unravels when cap or spool is removed.</p>	<ul style="list-style-type: none"> • Make sure to park the lines in holding slots (figure R) before removing.

SPECIFICATIONS

Feature	Detail
Model Number	LST140C
Power Source	40V MAX Lithium Ion Battery
Cutting Width	13 Inches
Item Weight	6.4 Pounds
Product Dimensions	40"L x 9"W
Assembly Required	No (Minor assembly for guard/handle)
Cordless	Yes
UPC	885911487573

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product at the time of purchase or visit the official BLACK+DECKER website. For customer support, replacement parts, or service inquiries, please contact BLACK+DECKER customer service directly.

You can find additional resources and contact information on the official BLACK+DECKER website:

www.blackanddecker.com