

BLACK+DECKER LST140C

BLACK+DECKER 40V MAX String Trimmer/Edger (LST140C) Instruction Manual

Model: LST140C

1. PRODUCT OVERVIEW

The BLACK+DECKER 40V MAX String Trimmer/Edger is a versatile cordless tool designed for efficient lawn maintenance. It features a high-performance 40V MAX Lithium-ion battery and a POWERDRIVE high-torque transmission for effective cutting.

Key Features:

- **High-performance 40V MAX Lithium-ion Battery:** Equipped with a state-of-charge indicator to display remaining power.
- **POWERDRIVE High-Torque Transmission:** Delivers cutting power at the string for clean, fast results.
- **0.065-inch Line Diameter:** Standard line size for effective trimming.
- **30-Foot Factory Wound Line:** Comes pre-loaded with ample trimming line.
- **2-in-1 Functionality:** Easily converts from a string trimmer to a wheeled edger.



Image: BLACK+DECKER 40V MAX String Trimmer/Edger shown with included replacement spools.

2. SAFETY INFORMATION

Always prioritize safety when operating power tools. Failure to follow these instructions may result in serious injury.

- **Wear Protective Gear:** Always wear eye protection, long pants, and sturdy footwear. Consider hearing protection.
- **Avoid Contact with Cutting Line:** Keep hands, face, and feet away from the rotating cutting line.
- **Clear Work Area:** Ensure the area is clear of obstacles, debris, and bystanders before operation.
- **Battery Safety:** Use only the specified battery and charger. Do not expose batteries to water or extreme temperatures.
- **Secure Handling:** Maintain a firm grip on the tool with both hands during operation.

3. SETUP AND ASSEMBLY

Your BLACK+DECKER String Trimmer/Edger requires minimal assembly before first use.

3.1. Assembly

1. **Attach Guard:** Securely attach the safety guard to the trimmer head using the provided fasteners. Ensure it is firmly in place to protect against debris.
2. **Install Auxiliary Handle:** Slide the auxiliary handle onto the shaft and adjust it to a comfortable position for balanced operation. Tighten the locking mechanism.
3. **Adjust Shaft Length:** Loosen the collar on the shaft to extend or retract the shaft to your preferred operating length. Tighten the collar to secure.

3.2. Battery Charging and Installation

1. **Charge Battery:** Insert the 40V MAX Lithium-ion battery into the charger. The indicator lights on the charger will show the charging status. Ensure the battery is fully charged before first use.
2. **Install Battery:** Align the battery with the battery port on the trimmer handle and slide it in until it clicks securely into place.

4. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your trimmer/edger.

4.1. Starting and Stopping

1. **To Start:** Press the safety lock-off button (located on the side of the handle) and then squeeze the trigger switch.
2. **To Stop:** Release the trigger switch. The cutting line will stop rotating.

4.2. Adjusting Power Settings

The trimmer features a POWER+COMMAND dial with multiple settings (1-6) to adjust power output and runtime. Higher settings provide more power for tougher grass but reduce battery life, while lower settings conserve battery for lighter tasks.

- **Setting 1-3:** Ideal for light trimming and extending battery runtime.
- **Setting 4-6:** Provides maximum power for dense weeds and heavy grass.

4.3. Trimming

Hold the trimmer firmly with both hands. Swing the trimmer from side to side, keeping the cutting line parallel to the ground. Avoid hitting hard objects to prevent line breakage.

4.4. Edging

1. **Convert to Edger:** Press the release button near the trimmer head and rotate the shaft 180 degrees until the head is in the vertical edging position. Lock it into place.
2. **Use Edging Guide:** The built-in wire edging guide helps maintain a consistent cutting depth along sidewalks and driveways.
3. **Operation:** Walk slowly, guiding the trimmer along the edge, allowing the cutting line to create a clean border.

5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your tool.

5.1. Line Replacement

The trimmer uses 0.065-inch diameter line. When the line runs out, replace the spool with a BLACK+DECKER AF-100-3ZP replacement spool or equivalent.

- 1. Remove Old Spool:** Ensure the battery is removed. Press the tabs on the side of the spool cap and pull to remove the cap and the old spool.
- 2. Install New Spool:** Insert the new pre-wound spool into the trimmer head, ensuring the line feeds through the eyelet.
- 3. Reattach Cap:** Snap the spool cap back into place until it locks.

5.2. Cleaning

- **Disconnect Power:** Always remove the battery before cleaning.
- **Clean Exterior:** Wipe down the exterior of the tool with a damp cloth. Do not use harsh chemicals.
- **Clear Debris:** Remove any grass clippings or debris from the guard and around the cutting head to prevent buildup.

6. TROUBLESHOOTING

If you encounter issues, refer to these common troubleshooting tips.

- **Tool Does Not Start:** Ensure the battery is fully charged and properly inserted. Check that the safety lock-off button is pressed before squeezing the trigger.
- **Line Not Feeding:** Check for tangled line in the spool. Ensure the spool is correctly installed. If using auto-feed, ensure the tool is running and gently tap the head on the ground.
- **Reduced Power:** Recharge the battery. Ensure the power setting is appropriate for the task.
- **Excessive Vibration:** Check for damaged or improperly installed cutting line. Ensure the guard is securely attached.

7. SPECIFICATIONS

Attribute	Value
Brand	BLACK+DECKER
Model Number	LST140C
Power Source	40V MAX Lithium-ion Battery
Line Diameter	0.065 Inches
Cutting Swath	13 Inches
Assembly Required	Yes

8. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official BLACK+DECKER website. For technical support or replacement parts, contact BLACK+DECKER customer service.

Online Support: www.blackanddecker.com