



BLACK & DECKER CORDLESS TRIMMER/EDGER



SAFETY INFORMATION AND INSTRUCTIONS

READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE OPERATING HEDGE TRIMMER

- Restrict the use of this trimmer to adult users who understand and can follow safety rules, precautions, and operating instructions found in this document.
- Wear protective gear. Wear safety goggles and hearing protection when operating this product. Wear heavy, long pants, boots, and gloves. Do not wear loose fitting clothing, short pants, or go barefoot. Secure long hair above shoulder level to prevent entanglement in moving parts.
- Do not operate the trimmer when you are fatigued, ill or upset, or if you have taken alcohol, drugs, or medication.

OPERATING THE YOUR TRIMMER SAFELY

- **A battery operated unit** with integral batteries or a separate battery pack must be recharged only with the specified charger for the battery. A charger that may be suitable for one type of battery may create a risk of fire when used with another battery.
- **Use battery operated unit only** with specifically designated battery pack. Use of any other batteries may create a risk of fire.
- **Avoid accidental starting.** Be sure switch is in the locked or off position before inserting battery pack. Carrying units with your finger on the switch or inserting the battery pack into a unit with the switch on invites accidents.
- **Do not** use unit if switch does not turn it on or off. A unit that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect** battery pack from unit or place the switch in the locked or off position before making any adjustments, changing accessories, or storing the unit. Such preventative safety measures reduce the risk of starting the unit accidentally.
- **Always wear eye protection**—Wear safety glasses or goggles at all times when this unit is in use. Always use face or dust mask if operation is dusty.
- **Guard**—Do not use this unit without guard attached.
- **Nylon Line**—Keep face, hands and feet clear of rotating nylon line at all times.
- **The rotating line performs a cutting function**—Use care when trimming around screens and desirable plantings.

- **Keep children away**—All visitors should be kept at safe distance from work area.
- **Important warning**—When being used as an edger, stones, and pieces of metal and other objects can be thrown out at high speed by the line. The unit and guard are designed to reduce the danger. However, the following precautions should be taken:
 1. **Warning:** Make sure that other persons and pets are at least 100 ft. away.
 2. **Warning:** To reduce the risk of rebound (ricochet) injury, work going away from any nearby solid object such as a wall, steps, large stone, tree, etc. Use great care when working close to solid objects, and, where necessary, do edging or trimming by hand.
- **Avoid accidentally starting**—Don't carry unit with finger on trigger.
- **Do not force the appliance**—Do not use this unit for any job except that for which it is intended.
- **Don't overreach**—Keep proper footing and balance at all times.
- **Damage to appliance**—If you strike or become entangled with a foreign object, stop tool immediately, check for damage and return to Urban Neighborhoods Alliance before further operation is attempted. Do not operate with a broken hub or spool.
- **Avoid dangerous environmental conditions**—Do not use electric units in damp or wet locations. Don't use the unit in the rain.
- **Do not operate** trimmer/edgers in gaseous or explosive atmospheres. Motors in these units normally spark, and the sparks might ignite fumes.
- **Store idle appliances indoors**—When not in use, units should be stored indoors in a dry locked-up place out of reach of children.
- **Stay alert**—Watch what you are doing. Use common sense. Don not operate unit when you are tired.
- **Maintain appliances with care**—Keep cutting edge sharp and clean for best performance and to reduce the risk of injury. Follow instructions for lubricating and changing accessories. Inspect appliance cord periodically, and if damaged, return to Urban Neighborhoods Alliance.
- **Check damaged parts**--Before further use of the unit, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other condition that may affect its operation. If a guard or other part is damaged, return the entire unit to Urban Neighborhoods Alliance immediately.
- **Keep guards in place and in working order.**
- **Keep hands and feet away from cutting area.**
- **Do not charge appliance in rain or in wet locations.**
- **Remove battery** before cleaning or removing material from the trimmer.
- **Exercise care** in handling batteries in order not to short the battery with conducting materials such as rings, bracelets and keys. The battery or conductor may overheat and cause burns.
- **Do not open or mutilate** the batteries. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.

BATTERY INFORMATION

- Battery storage and carrying caps are provided for use whenever the battery is out of the unit or charger. Remove cap before placing battery in charger or unit.
- **Warning:** Do not store or carry battery so that metal objects can contact exposed battery terminals.
- To reduce the risk of damage to electric plug and cord, pull by plug rather than cord when disconnecting charger.

- Make sure cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
- An extension cord should not be used unless absolutely necessary.
- Use only the supplied charger when charging your unit. The use of any other charger could damage the battery or create a hazardous condition.

CHARGING INSTRUCTIONS

Charging the power pack

1. Plug the charger into any standard household 120 volt 60 Hz power electrical outlet. **Note: Do not charge by means of an engine generator or DC power source. Use only 120V AC.**
2. Slide the charger onto the power pack as shown in Figure 6 & 7 and let the power pack charge initially for 9 hours. After the initial charge, under normal usage, your power pack should be fully charged in 3 to 9 hours.
3. Unplug charger, and remove the power pack. **Place the power pack in the unit and be certain that it is inserted fully into the battery cavity until it “clicks” into place.**
4. **Note:** To remove the power pack from the unit, press down on the release button on the back of the pack (Figure 8) and slide out.

Important Charging Notes

1. Do not charge the power pack in an air temperature below +40°F, or above +105°F. This is important and will prevent serious damage to the power pack. Longest life and best performance can be obtained if power pack is charged when air temperature is about 75°F.
2. While charging, the charger may hum and become warm to touch. This is a normal condition and does not indicate a problem.
3. The power pack should be recharged when it fails to produce sufficient power on jobs which were easily done previously. **DO NOT CONTINUE** using unit with its power pack in a depleted condition.

Leaving the Battery Pack in the Charger

- The charger and battery pack can be left connected with the red light glowing indefinitely.
- The charger will keep the battery pack fresh and fully charged.

OPERATION INSTRUCTIONS

Auxiliary Handle Adjustment

- For maximum comfort and control, adjust the auxiliary handle to suit your height. Shorter users adjust handle to a lower position (away from you) and taller users, adjust handle to an upper position (towards you). The handle should be adjusted so that your front arm is straight.

Height Adjustment

- The overall height of the trimmer can be adjusted by loosening the lock collar and rotating it opposite to the arrow. The tubes can then be extended shorter or longer. When the desired height is achieved tighten the collar by rotating it.

Caution: Inspect area to be trimmed and remove any wire, cord, or string-like objects which could become entangled in the rotating line or spool. Be particularly careful to avoid any wire which might be bent outwardly into the path of the tool, such as barbs at the base of a chain link fence.

Operate the Trimmer/Edger

- To turn trimmer on, pull the lock out button back and then squeeze the trigger switch. To turn the tool off, release the trigger.
- Slowly swing trimmer side-to-side.
- To convert for maintenance edging, turn off the tool. Holding the trimmer with one hand by the auxiliary handle, grasp the collar and push in the direction of arrow and rotate the trimmer head until it stops, (half turn), release your hand, (rotate clockwise when viewed from the switch end). The tool is locked in the edger position. Rotate the wire edge guide forward and down into place before edging.
- To operate as a maintenance edger, position trimmer above sidewalk.
- Return to trimming position by turning the tool off, push in direction of arrow and rotating the trimmer head counter clockwise until it stops. When using the tool in the trimmer mode you may choose to fold the wire edge guide up out of the way.

Line Feeding

- This trimmer uses .065" diameter nylon line to cut grass and weeds quickly and easily.
- In time, the tip of the nylon line will become worn and the auto feed mechanism will automatically feed and trim a fresh length of line.
- The cutting line will wear faster if the cutting is done along sidewalks or other abrasive surfaces or heavier weeds are being cut. The automatic feed mechanism senses when more cutting line is needed and feeds and trims the correct length of line whenever it is required.

Replacing Spool/Clearing Jams and Tangled Lines

- From time to time, especially when cutting thick or stalky weeds, the line feeding hub may become clogged with sap or other material and the line will become jammed as a result. To clear the jam, follow the steps listed below.
- Turn off the trimmer and remove the battery.
- Press the release tabs on the line spool cover, and remove the cover by pulling it straight off.
- Lift the spool of nylon line out of the hub and clear any broken line or cutting debris from the spool area.
- In case of jams and tangled line unwrap about one foot of line to ensure that it is undamaged. If it is OK rewind it and insert the line end through the eyelet in the spool hub. Pull the line through the hole to maintain tension while placing the spool down into the hub with the notched side exposed.
- Press the spool down GENTLY and rotate it until you feel it drop into place. (When in place, the spool will turn a few degrees left and right freely.)
- Snap the spool cover back on, insert the battery and turn the tool on. In a few seconds or less you'll hear the nylon line being cut automatically to the proper length.

Rewinding Spool From Bulk Line (Use Only 0.065" Diameter Line)

- Bulk line for your trimmer/edger is available to purchase.
- To install bulk line, follow the steps below.
- Turn off the trimmer and remove the battery.
- Press the release tabs on the line spool cover and remove the cover by pulling it straight off.
- Remove the spool from the tool and remove and discard all line on the spool.
- Insert one end of the bulk line into the hole in the spool about ½".
- Hold the line in the hole and pull the rest of the line through the slot in the spool.

- Snugly and evenly wind the bulk line onto the spool in the direction of the arrow on spool until it is nearly full. (The spool holds 50 ft. of line and bulk line is sold in 50 foot sections.)
- Insert the line end through the eyelet in the spool hub. Pull the line through the hole to maintain tension while placing the spool down into the hub with the notched side exposed.
- Press the spool down GENTLY and rotate it until you feel it drop into place. (When in place, the spool will turn a few degrees left and right freely.)
- Snap the spool cover back on, insert the battery and turn the tool on. In a few seconds or less you'll hear the nylon being cut automatically to the proper length.

TROUBLESHOOTING

Problem	Possible Cause	Possible Solution
<ul style="list-style-type: none"> • Line won't feed 	<ul style="list-style-type: none"> • Line tangled in spool 	<ul style="list-style-type: none"> • Unwrap 24" of line and rewind
<ul style="list-style-type: none"> • Line fails to cut off 	<ul style="list-style-type: none"> • Line cutter in guard is damaged or missing • Line extends past guard 	<ul style="list-style-type: none"> • Return to UNA • Rewind or trim line to line cutter
<ul style="list-style-type: none"> • Unit will not start 	<ul style="list-style-type: none"> • Battery not installed properly • Battery not charged 	<ul style="list-style-type: none"> • Check battery installation • Check battery charging requirements
<ul style="list-style-type: none"> • Battery will not charge 	<ul style="list-style-type: none"> • Battery not inserted into charger • Charger not plugged in • Surrounding air temperature too hot or too cold 	<ul style="list-style-type: none"> • Insert battery into charger until red LED appears • Plug charger into a working outlet. • Check current at receptacle by plugging in a lamp or other appliance. • Check to see if receptacle is connected to a light switch which turns power off when you turn out the lights • Move charger and tool to a surrounding air temperature of above 40 degree F or below 105 degree F

MAINTENANCE

Cleaning

- Use only mild soap and damp cloth to clean the tool.
- Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.
- **WARNING:** Remove or disconnect battery before servicing, cleaning or removing material from the gardening appliance.