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› BLACK+DECKER 20V Cordless 3-Tool Combo Kit Instruction Manual (Model BCK3789D2)

BLACK+DECKER BCK3789D2

BLACK+DECKER 20V Cordless 3-Tool Combo Kit

INSTRUCTION MANUAL - MODEL BCK3789D2

Brand: BLACK+DECKER

1. Introduction

The BLACK+DECKER BCK3789D2 combo kit is designed to assist with a variety of outdoor tasks. This kit includes three essential tools: the LST300 Grass Trimmer/Edger, the LSW221 Sweeper, and the BCSS820 Hedge Trimmer. Each tool is powered by 20-Volt Lithium-Ion batteries, providing cordless convenience for your yard work.

The LST300 String Trimmer features a 2-in-1 design that easily converts between trimming and wheeled edging. It incorporates a POWERDRIVE transmission for increased cutting power and an Auto Feed System to automatically advance the line without manual bumping. The LSW221 Sweeper is lightweight and designed for low noise operation, capable of air speeds up to 130 miles per hour for clearing debris from hard surfaces. The BCSS820 Hedge Trimmer offers versatility with interchangeable 4-inch and 8-inch blades, allowing tool-free switching for detailed trimming of shrubs, small branches, plants, and weeds with a 3/8-inch cut capacity.



Image 1: Overview of the BLACK+DECKER 20V Cordless 3-Tool Combo Kit (Model BCK3789D2).

2. Safety Information

Always read and understand all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

- **General Safety:** Keep work area clean and well lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Keep children and bystanders away while operating a power tool.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear eye protection. Wear appropriate hearing protection. Wear heavy long pants, long sleeves, boots, and gloves. Do not wear loose clothing or jewelry.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.

3. Setup

3.1 Battery Installation and Removal

To install the 20V Lithium-Ion battery, align the battery with the tool's battery port and slide it in until it clicks securely into place. To remove, press the release button on the battery and slide it out.



Image 2: Proper battery installation into the string trimmer.

3.2 LST300 String Trimmer/Edger Assembly

The LST300 String Trimmer/Edger comes partially assembled. Ensure the shaft is securely connected. The auxiliary handle can be adjusted for user comfort by loosening the knob, positioning the handle, and re-tightening. The shaft length is also adjustable for user height by twisting the black collar, extending or retracting the shaft, and then locking it back in place.

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Image 3: LST300 String Trimmer/Edger with key features labeled.

3.3 BCSS820 Hedge Trimmer Blade Installation

The BCSS820 Hedge Trimmer features interchangeable 4-inch and 8-inch blades. To switch blades, ensure the battery is removed. Follow the instructions in the separate hedge trimmer manual for safe and proper blade attachment and removal. No tools are required for this process.



Hand Vacuums

Image 4: BCSS820 Hedge Trimmer with key features labeled.

3.4 LSW221 Sweeper Assembly

The LSW221 Sweeper typically requires minimal assembly, usually involving attaching the blower tube to the main unit. Ensure it is firmly secured before use.

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Image 5: LSW221 Sweeper with key features labeled.

4. Operating Instructions

4.1 LST300 String Trimmer/Edger Operation

- **Starting:** Insert a charged 20V battery. Press the safety button and then squeeze the trigger to start the trimmer.
- **Trimming:** Hold the trimmer firmly with both hands. Keep the cutting head parallel to the ground. The Auto Feed System will automatically advance the line as needed.
- **Edging:** To convert to edger mode, twist the black collar on the shaft and rotate the head 90 degrees. Lock the collar back in place. Use the integrated wheel to guide the edger along sidewalks and borders for a clean cut.
- **POWERDRIVE Transmission:** This feature provides increased torque for more cutting power, especially useful in tougher grass.



Image 6: Operating the LST300 String Trimmer in trimming mode.



Image 7: Operating the LST300 String Trimmer in edging mode.

4.2 LSW221 Sweeper Operation

- **Starting:** Insert a charged 20V battery. Press the safety button and then squeeze the trigger to start the sweeper.
- **Sweeping:** Direct the nozzle towards the debris you wish to clear. The sweeper provides air speeds up to 130 miles per hour for efficient clearing of leaves, grass clippings, and other light debris from hard surfaces like driveways and patios.
- **Low Noise Design:** The sweeper is engineered for quiet operation, minimizing disturbance during use.



Image 8: Operating the LSW221 Sweeper.

4.3 BCSS820 Hedge Trimmer Operation

- **Starting:** Insert a charged 20V battery. Press the safety switch (often a two-hand operation for safety) and then squeeze the trigger to start the hedge trimmer.
- **Trimming:** Use the appropriate blade (4-inch or 8-inch) for the task. The 3/8-inch cut capacity is suitable for detailed trimming around shrubs and cutting small branches or weeds. Maintain a steady, even motion.
- **Interchangeable Blades:** Blades can be swapped without tools for maximum versatility. Refer to the hedge trimmer's specific instructions for changing blades.

5. Maintenance

- **Cleaning:** After each use, ensure the battery is removed. Clean all tools with a damp cloth. Remove any grass, leaves, or debris from vents and cutting mechanisms.
- **Blade Care (Hedge Trimmer):** Regularly inspect blades for sharpness and damage. Sharpen or replace dull blades as needed. Apply a light coat of machine oil to the blades after cleaning to prevent rust.
- **Trimmer Line Replacement (String Trimmer):** When the trimmer line runs out, replace the spool with a new BLACK+DECKER compatible spool. The Auto Feed System is designed for specific line

types and spools.

- **Battery Storage:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. Do not store batteries in a discharged state for extended periods.

6. Troubleshooting

- **Tool Not Starting:** Ensure the battery is fully charged and correctly inserted. Check that all safety switches are engaged before pressing the trigger.
- **String Trimmer Line Not Advancing:** Verify the spool is correctly installed and the line is not tangled or jammed. The Auto Feed System should advance the line automatically. If not, the spool may need replacement.
- **Reduced Power/Run Time:** This typically indicates a low battery charge. Recharge the battery fully. If the issue persists with a fully charged battery, the battery or tool may require service.
- **Hedge Trimmer Blades Jamming:** Ensure the battery is removed. Clear any lodged branches or debris from between the blades. Avoid cutting branches thicker than the specified 3/8-inch capacity.

7. Specifications

Feature	Specification
Brand	BLACK+DECKER
Model Number	BCK3789D2
Power Source	Battery Powered
Voltage	20 Volts
Batteries	2 Lithium Ion batteries (included)
Item Weight	15.2 Pounds
Product Dimensions	12 x 4.8 x 5 inches
Hedge Trimmer Blade Length	8 Inches (interchangeable with 4-inch)
Hedge Trimmer Cutting Width	8 Inches
Hedge Trimmer Cut Capacity	3/8 Inches
Sweeper Air Speed	Up to 130 miles per hour
Material	Plastic (Housing), High Carbon Steel (Blades)
Color	Orange

8. Warranty and Support

For warranty information, technical support, or to order replacement parts, please refer to the official BLACK+DECKER website or contact their customer service. Keep your purchase receipt as proof of purchase for warranty claims.

Online Support: Visit the [BLACK+DECKER Store on Amazon](#) for additional product information and support resources.

