KIESBOHR CSL301

KIESBOHR CSL301 Cordless Hedge Trimmer and Grass Shear User Manual

Model: CSL301

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1. Safety Instructions

Read all safety warnings and instructions before operating this tool. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

1.1 General Power Tool Safety Warnings

- **Work Area Safety:** Keep work area clean and well lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges, and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- **Personal Safety:** Always wear eye protection. Use personal protective equipment such as dust masks, non-skid safety shoes, hard hats, or hearing protection when appropriate. Stay alert, watch what you are doing, and use common sense when operating a power tool.

1.2 Cordless Tool Use and Care

- **Battery Compatibility:** This tool is designed for use with Makita 18V batteries. Use only the specified battery packs.
- **Prevent Accidental Starting:** Ensure the switch is in the off-position before connecting to a battery pack, picking up or carrying the tool.
- **Blade Safety:** The tool features a safety lock and blade cover for double protection. Always engage the safety lock when not in use and cover blades during storage or transport.

2. Product Overview

The KIESBOHR CSL301 is a versatile 2-in-1 cordless tool, functioning as both a grass shear and a hedge trimmer. It is compatible with Makita 18V batteries (battery not included).

2.1 Components

Familiarize yourself with the parts of your KIESBOHR CSL301 tool:



Image 2.1: Labeled components of the KIESBOHR CSL301. Key parts include the Ergonomic Rubber Grip, Safety Button, Grass Shear Blade, Shrub Blade, On/Off Switch, and Tool-free Blade Change Button.

- **Ergonomic Rubber Grip:** Provides comfortable and secure handling.
- **Safety Button:** Must be pressed before the tool can be operated.
- **On/Off Switch:** Activates and deactivates the tool.
- **Tool-free Blade Change Button:** Allows for quick and easy blade swapping.
- **Grass Shear Blade:** Used for trimming grass and garden beds (12 cm cutting width).
- **Shrub Blade (Hedge Trimmer Blade):** Used for shaping shrubs and hedges (20 cm cutting width).

2.2 Motor and Performance

The CSL301 features an improved powerful motor with an idle speed of 1300 RPM, ensuring efficient cutting performance for both grass and hedges.



Image 2.2: Internal view of the powerful motor, highlighting its robust design for efficient operation.

3. Setup

3.1 Battery Installation

This tool is compatible with Makita 18V batteries. Ensure the battery is fully charged before use.



Image 3.1: Illustration of the KIESBOHR CSL301's compatibility with various Makita 18V battery models (e.g., BL1820, BL1830, BL1840, BL1850, BL1860).

1. Align the battery pack with the battery port on the tool.
2. Slide the battery pack into the tool until it clicks securely into place.
3. To remove, press the battery release button and slide the battery out.

3.2 Blade Installation and Change

The KIESBOHR CSL301 features a tool-free blade change system, allowing you to switch between grass shear and hedge trimmer blades in approximately 5 seconds.



Image 3.2: The two interchangeable blades: the grass shear blade and the shrub blade.

1. Ensure the tool is off and the battery is removed for safety.
2. Locate the tool-free blade change button (refer to Image 2.1).
3. Press and hold the button, then carefully slide the installed blade out.
4. Align the desired blade (grass shear or shrub blade) with the slot.
5. Slide the new blade in until it clicks securely into place. Release the button.
6. Verify the blade is firmly attached before re-inserting the battery.

4. Operating Instructions

4.1 Starting and Stopping the Tool

1. Ensure a charged battery is installed and the correct blade is attached.
2. To start, press and hold the **Safety Button**.
3. While holding the safety button, press the **On/Off Switch** to activate the blades.
4. To stop, release the **On/Off Switch**. The safety button can then be released.

4.2 Using as a Grass Shear

Attach the grass shear blade (12 cm cutting width) for precise trimming of grass and garden beds.



Image 4.1: The KIESBOHR CSL301 in use as a grass shear, demonstrating its 12 cm cutting width for lawn edges and small areas.

- Hold the tool firmly with both hands if necessary, utilizing the ergonomic grip.
- Move the tool steadily along the edge of the lawn or around obstacles.
- Avoid cutting wet grass, as this can clog the blades and reduce efficiency.

4.3 Using as a Hedge Trimmer

Attach the shrub blade (20 cm cutting width) for shaping and trimming shrubs and hedges.



Image 4.2: The KIESBOHR CSL301 in use as a hedge trimmer, showcasing its 20 cm blade for shaping bushes.

- Maintain a stable stance and hold the tool securely.
- Cut in smooth, sweeping motions.
- Do not attempt to cut branches thicker than the recommended capacity of the blade.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your KIESBOHR CSL301.

5.1 Cleaning the Blades

1. Always remove the battery before cleaning.
2. Use a stiff brush or cloth to remove grass clippings, leaves, and debris from the blades.
3. For stubborn residue, a mild detergent solution can be used, ensuring the blades are thoroughly dried afterwards to prevent rust.
4. Apply a light coat of machine oil to the blades after cleaning to protect them and ensure smooth operation.

5.2 Storage

- Store the tool in a dry, secure place, out of reach of children.
- Always attach the blade cover before storing.
- Remove the battery from the tool if storing for extended periods.

6. Troubleshooting

If you encounter issues with your KIESBOHR CSL301, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Tool does not start	Battery not inserted correctly Battery is discharged Safety button not pressed	Ensure battery is fully clicked in Charge the battery Press the safety button before the on/off switch
Blades are not cutting effectively	Blades are dull or dirty Material being cut is too thick	Clean blades and apply oil; consider sharpening or replacing Do not attempt to cut material beyond the tool's capacity
Excessive vibration	Blade not properly installed Damaged blade	Re-install blade, ensuring it clicks into place Inspect blade for damage; replace if necessary

7. Specifications

Key technical specifications for the KIESBOHR CSL301:

- **Model Number:** CSL301
- **Brand:** KIESBOHR
- **Power Source:** Battery Powered (Compatible with Makita 18V batteries)
- **Product Dimensions (L x W x H):** 22 x 11 x 7 cm
- **Item Weight:** 1.33 kg
- **Idle Speed:** 1300 RPM
- **Grass Shear Blade Width:** 12 cm
- **Shrub Blade Length:** 20 cm

8. Warranty and Support

For warranty information or technical support, please refer to the documentation included with your purchase or contact KIESBOHR customer service directly. Keep your proof of purchase for any warranty claims.

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