Makita DUR193RF

Makita BL 18V LXT Telescopic DUR193RF Edge Cutter

Instruction Manual

1. Important Safety Instructions

Always observe the following safety precautions to reduce the risk of personal injury or damage to the product.

- **Wear protective clothing:** Always wear appropriate protective clothing, including long pants, sturdy footwear, and gloves.
- **Eye and Ear Protection:** Always wear safety goggles or safety glasses with side shields, and ear protection to prevent injury from flying debris and loud noise.
- **Beware of flying debris:** Keep bystanders, children, and pets at a safe distance (at least 15 meters / 50 feet) from the operating area.
- **Inspect the work area:** Before starting, clear the work area of any objects that could be thrown by the cutting line, such as rocks, broken glass, or wire.
- **Maintain firm grip:** Always hold the tool firmly with both hands during operation.
- **Battery Safety:** Use only Makita-approved batteries and chargers. Do not expose batteries to water or extreme temperatures.

2. Product Overview

The Makita BL 18V LXT Telescopic DUR193RF Edge Cutter is a battery-powered string trimmer designed for efficient grass and weed cutting. Its telescopic shaft allows for adjustable length, providing comfortable operation for various user heights and tasks. The unit operates at a speed of 6500 RPM and features a cutting width of 260 millimeters.



Figure 1: Makita BL 18V LXT Telescopic DUR193RF Edge Cutter. This image shows the overall design of the battery-powered string trimmer with its telescopic shaft.

3. Included Components

The following items are included with your Makita DUR193RF Edge Cutter:

- Makita DUR193RF Edge Cutter Unit
- Charger
- 3 Lithium-Ion Batteries
- Nylon Head (with cutting line)

4. Setup

4.1 Assembly

Assembly is required for this product. Refer to the detailed diagrams in the separate assembly guide for specific steps.

Generally, this involves attaching the guard, auxiliary handle, and ensuring the cutting head is securely fastened.

4.2 Battery Installation and Charging

1. **Charge Batteries:** Before first use, fully charge all three Lithium-Ion batteries using the provided charger. Connect the charger to a power outlet and insert the battery. The charger indicator light will show charging status.
2. **Install Battery:** Once charged, slide a battery into the battery compartment on the edge cutter until it clicks securely into place. Ensure the battery is fully seated.
3. **Remove Battery:** To remove, press the release button on the battery pack and slide it out.

5. Operating Instructions

5.1 Starting and Stopping

- **To Start:** Ensure a charged battery is installed. Press and hold the safety lock-off button, then squeeze the trigger switch.
- **To Stop:** Release the trigger switch. The cutting line will stop rotating.

5.2 Adjustments

- **Telescopic Shaft:** To adjust the length of the shaft, loosen the locking collar, extend or retract the shaft to the desired length, and then securely tighten the locking collar.
- **Auxiliary Handle:** Adjust the position of the auxiliary handle for optimal balance and comfort during operation.

5.3 Usage Tips

- Always maintain a balanced stance and firm grip.
- Cut with a sweeping motion, moving the trimmer from side to side.
- Avoid cutting near hard objects to prevent damage to the cutting line.
- Do not force the tool; allow the motor to maintain its speed.

6. Maintenance

6.1 Cleaning

- After each use, disconnect the battery and clean the tool with a dry cloth.
- Remove any grass clippings or debris from the cutting head and guard.
- Do not use water or harsh chemicals to clean the tool.

6.2 Cutting Line Replacement

The nylon cutting line will wear down during use. Refer to the separate maintenance guide for detailed instructions on how to replace the cutting line in the nylon head. Always use genuine Makita replacement line.

6.3 Storage

Store the edge cutter in a dry, secure location out of reach of children. Remove the battery before storing for extended periods.

7. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly installed. Safety lock-off not engaged.	Ensure battery is fully charged and correctly inserted. Press safety lock-off button before squeezing trigger.
Reduced cutting performance	Cutting line worn or too short. Battery charge low.	Replace cutting line. Recharge or replace battery.
Excessive vibration	Cutting head or line unbalanced. Debris caught in head.	Inspect cutting head for damage or debris. Ensure cutting line is properly installed and balanced.

If you encounter problems not listed here, or if solutions do not resolve the issue, contact Makita customer service or an authorized service center.

8. Specifications

- **Brand:** Makita
- **Model Number:** DUR193RF
- **Power Source:** Battery Powered (18V LXT)
- **Number of Batteries:** 3 Lithium Ion batteries (included)
- **Item Weight:** 2.6 Kilograms
- **Cutting Width:** 260 Millimeters
- **Speed:** 6500 RPM
- **Required Assembly:** Yes
- **UPC:** 088381760997

9. Warranty and Support

Makita products are manufactured under strict quality control standards. For information regarding warranty coverage, service, or technical support, please refer to the warranty card included with your product or visit the official Makita website. Keep your purchase receipt as proof of purchase.

For further assistance, you may contact Makita customer service directly.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question