

MtiolHig 1

MtiolHig Cordless Electric Pruning Shears User Manual

MODEL: 1

1. Introduction

Thank you for choosing the MtiolHig Cordless Electric Pruning Shears. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new tool. Please read this manual thoroughly before use and retain it for future reference.

2. Safety Information

WARNING: Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Always wear appropriate personal protective equipment, including safety glasses, gloves, and sturdy footwear, when operating the pruning shears.
- Keep hands and body parts clear of the cutting blades at all times, especially during operation.
- Ensure the tool is switched off and the battery is removed before performing any maintenance, cleaning, or blade adjustments.
- Do not operate the tool in wet conditions or near flammable liquids or gases.
- Keep children and bystanders away from the work area.
- Use only compatible DeWalt 20V MAX batteries with this tool.
- Store the tool in a dry, secure place out of reach of children.

3. Product Overview

3.1 Components

The MtiolHig Cordless Electric Pruning Shears package typically includes the following items:

- Cordless Electric Pruning Shears unit
- Replacement Blades (1 pair)

- Wrenches (2)
- Sharpening Stone (1)
- Blade Cover (1)



Image 3.1: The MtiolHig Cordless Electric Pruning Shears with its included accessories, such as replacement blades, wrenches, sharpening stone, and blade cover.

3.2 Key Features

- **DeWalt 20V Battery Compatibility:** Designed to seamlessly integrate with DeWalt 20V MAX batteries (battery not included).
- **Efficient Brushless Motor:** Features a high-torque 26,000 RPM brushless motor for extended motor life and powerful output.
- **SK7 High Carbon Steel Blades:** Provides sharp, durable, and rust-resistant cutting performance for branches up to 1.5-2 inches in diameter.
- **Adjustable Blade Settings:** Four adjustable blade sizes (22mm, 34mm, 41mm, 61mm) for versatile pruning tasks.
- **LCD Digital Display:** Monitors battery level and displays cut count for efficient work management.

- **Safety Lock Mechanism:** Prevents accidental activation, requiring a specific trigger press sequence to operate.
- **Lightweight Design:** Facilitates one-handed operation and reduces user fatigue.



Image 3.2: An internal view highlighting the efficient brushless motor, which provides powerful and quiet operation with an extended lifespan.

4 CUTTING-EDGE FEATURES

Elevating Your Pruning Experience



Image 3.3: Key features of the pruning shears, including SK7 high carbon steel blades, an LED screen for battery and cut count, a safety protection switch, and a comfortable rubber handle.

4. Setup

4.1 Battery Installation

1. Ensure the pruning shears are switched off.
2. Align a compatible DeWalt 20V MAX battery with the battery slot at the base of the shears.
3. Slide the battery firmly into place until it clicks, indicating it is securely locked.
4. To remove the battery, press the release button on the battery and slide it out.



Image 4.1: Illustration of the pruning shears' compatibility with DeWalt 18/20V batteries, showing how the battery connects to the tool.

4.2 Blade Adjustment

The pruning shears offer four adjustable blade settings to accommodate different branch sizes:

1. Ensure the tool is switched off and the battery is removed for safety.
2. Locate the blade adjustment mechanism (refer to Image 4.2).
3. Use the provided wrench to loosen the blade pivot bolt slightly.
4. Adjust the blade opening to one of the four desired modes (22mm, 34mm, 41mm, 61mm).
5. Tighten the pivot bolt securely after adjustment.



Image 4.2: Visual guide to the four-stage blade adjustment, showing different cutting capacities from 22mm to 61mm.

5. Operation

5.1 Powering On and Off

1. **To Power On:** Insert a charged battery. Press the power switch once. Then, quickly press the trigger twice to activate the shears. The LCD display will illuminate.
2. **To Power Off:** Long press the power switch until it beeps once and the blades close completely. Remove the battery for extended storage or maintenance.



Image 5.1: Step-by-step guide for operating the pruning shears, including pressing the power switch, quickly pressing the trigger twice to start, and long-pressing the switch to shut down.

5.2 Pruning Techniques

- Always make clean cuts. Position the blade perpendicular to the branch for the best results.
- Avoid twisting the shears while cutting, as this can damage the blades or the tool.
- For larger branches within the tool's capacity, ensure the branch is fully seated in the blade opening before activating the cut.
- The LCD display shows the battery level and the number of cuts made, helping you monitor usage.



Image 5.2: Demonstrates the versatile applications of the pruning shears, including shrub pruning, fruit tree pruning, trimming flowers, and general branch pruning.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your pruning shears.

6.1 Blade Cleaning

1. Always remove the battery before cleaning.
2. Use a damp cloth to wipe sap and debris from the blades after each use.
3. For stubborn residue, use a mild solvent or blade cleaner. Ensure blades are dry before storage.

6.2 Blade Sharpening

Dull blades can reduce cutting efficiency and strain the motor. Sharpen the blades as needed using the provided sharpening stone.

1. Ensure the tool is off and the battery is removed.
2. Carefully open the blades.
3. Use the sharpening stone to gently sharpen the cutting edge, maintaining the original blade angle.
4. Wipe away any metal filings and apply a light coat of oil to the blades to prevent rust.

6.3 Storage

- Store the pruning shears in a dry, clean environment.
- Always engage the blade cover before storage to protect the blades and prevent accidental injury.
- Remove the battery if storing the tool for an extended period.

7. Troubleshooting

This section addresses common issues you might encounter with your MtiolHig Cordless Electric Pruning Shears.

Problem	Possible Cause	Solution
Shears do not activate after battery insertion.	Safety lock engaged.	Press the power switch once, then quickly press the trigger twice to activate.
Reduced cutting power or difficulty cutting.	Dull or dirty blades.	Clean and sharpen the blades. Replace if severely damaged.
Battery not charging or tool not powering on.	Battery not properly inserted or discharged.	Ensure battery is fully charged and correctly inserted. Check battery and charger for damage.
Blades are stuck.	Debris caught in blades or motor overload.	Remove battery, clear any debris. If problem persists, contact support.

8. Specifications

Feature	Detail
Brand	MtiolHig

Feature	Detail
Model Number	1
Item Weight	3.52 ounces (0.1 Kilograms)
Product Dimensions	13.01"L x 5.19"W
Blade Material	High Carbon Steel (SK7)
Handle Material	Rubber
Power Source	Battery Powered
Voltage	20 Volts (DC)
Wattage	180 watts
Cutting Width	Up to 2 Inches (61mm)
Battery Compatibility	DeWalt 20V MAX (e.g., DCB200, DCB201, DCB203)

9. Warranty and Support

MtiolHig products are manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included with your purchase or contact the seller directly. If you experience any issues or require technical assistance, please reach out to MtiolHig customer support through the retailer's platform or the official brand website.

ASK A QUESTION ABOUT THIS MANUAL

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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.

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