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DEWALT DCPR320D1

DEWALT 20V MAX Cordless Pruner (DCPR320D1) Instruction Manual

Model: DCPR320D1 | Brand: DEWALT

1. INTRODUCTION

The DEWALT 20V MAX Cordless Pruner (DCPR320D1) is a high-performance tool designed for efficient cutting of thick flower stems, branch limbs, and bush overgrowth. With a 1-1/2 inch cutting capacity, it offers a lightweight build to reduce hand strain, making pruning tasks significantly easier than manual methods. This pruner features non-stick coated blades for smooth cuts and an integrated LED for improved visibility in low-light conditions.

2. SAFETY INFORMATION

WARNING: Read all safety warnings and instructions before operating this product. 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.
- Keep hands and body parts clear of the cutting blades during operation. The blades are sharp and move quickly.
- Ensure the tool is switched off and the battery is removed before performing any maintenance, cleaning, or blade changes.
- Do not operate the pruner in wet conditions or near flammable liquids or gases.
- Keep children and bystanders away while operating the tool.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning).

3. PRODUCT OVERVIEW

The DEWALT 20V MAX Cordless Pruner is engineered for durability and ease of use. Key features include:

- **Non-Stick Coated Blades:** Designed for smooth, swift cuts and reduced sap buildup.
- **1-1/2 Inch Cutting Capacity:** Capable of cutting branches up to 1.5 inches in diameter.
- **Integrated LED Work Light:** Illuminates the cutting area for improved visibility in dimly lit spaces.
- **Quick Blade Change Mechanism:** Allows for easy and convenient blade replacement using the included tool.
- **20V MAX* Battery Compatibility:** Utilizes DEWALT's 20V MAX* Lithium-Ion battery system for cordless operation.



Figure 1: DEWALT 20V MAX Cordless Pruner (DCPR320D1) with battery attached.

4. SETUP

4.1 Battery Installation

1. Ensure the battery is fully charged before first use.
2. Align the battery pack with the battery port on the bottom of the pruner handle.
3. Slide the battery pack into the tool until it clicks securely into place.

4. To remove the battery, press the release button on the battery pack and slide it out.



Figure 2: Side view of the DEWALT Cordless Pruner with battery attached.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

1. To power on the pruner, press and hold the main trigger for approximately 3 seconds until the blades open and a beep is heard.
2. To power off the pruner, press and hold the main trigger for approximately 3 seconds until the blades close and a beep is heard.

5.2 Making a Cut

1. Position the open blades around the branch you wish to cut.
2. Ensure the branch is within the 1-1/2 inch cutting capacity.
3. Firmly press the main trigger to close the blades and make the cut. Release the trigger to open the blades for the next cut.
4. The integrated LED light will activate when the trigger is pulled, illuminating the cutting area.



Figure 3: User operating the DEWALT Cordless Pruner to cut a branch.

6. MAINTENANCE

6.1 Blade Cleaning and Lubrication

Regularly clean and lubricate the blades to maintain optimal performance and extend their lifespan. Use a soft cloth to wipe away sap and debris. Apply a few drops of lubricating oil to the blades after each use, especially after cutting resinous wood.

6.2 Blade Replacement

The pruner is designed for quick blade changes. Refer to the included change tool and follow these general steps:

1. Ensure the pruner is powered off and the battery is removed.
2. Use the provided Allen wrench to loosen and remove the retaining screw on the blade.
3. Carefully remove the old blade.
4. Position the new blade, ensuring it aligns correctly with the mechanism.
5. Reinsert and tighten the retaining screw firmly.



Figure 4: Close-up view of the pruner's blade and retaining screw for maintenance.

7. SPECIFICATIONS

Feature	Specification
Brand	DEWALT
Model Number	DCPR320D1
Power Source	20V MAX* Lithium-Ion Battery (1 included)
Cutting Capacity	1-1/2 Inches
Blade Material	High Carbon Steel
Blade Type	Anvil
Item Weight	5.33 Pounds
Product Dimensions	11 x 11 x 0.04 inches
UPC	885911793759

8. TROUBLESHOOTING

- Tool not powering on:** Ensure the battery is fully charged and properly seated in the tool. Check for any debris obstructing the battery terminals.
- Blades not cutting effectively:** The blades may be dull or dirty. Clean and lubricate the blades. If dull, replace them following the blade replacement instructions.

- **Tool stops during operation:** This may indicate a low battery charge or an overload condition. Recharge the battery or reduce the size of the branches being cut.

9. WARRANTY AND SUPPORT

For detailed warranty information, product registration, or technical support, please visit the official DEWALT website or contact DEWALT customer service. Keep your purchase receipt as proof of purchase for warranty claims.

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