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DEWALT DCCS620P1

DEWALT 20V MAX* XR Chainsaw Kit

Model: DCCS620P1

Brand: DEWALT

Product Overview

The DEWALT 20V MAX* XR Chainsaw Kit (Model DCCS620P1) offers a versatile and efficient solution for cutting applications. Designed for both construction and outdoor tasks, this cordless chainsaw eliminates the need for gas, reducing maintenance and simplifying operation. Its lightweight and compact design enhances user control, while the high-efficiency brushless motor ensures extended runtime and a long motor life. The kit includes a 5.0Ah 20V MAX* battery, charger, and a hard bar cover for immediate use.



Figure 1: DEWALT 20V MAX* XR Chainsaw Kit with 12-inch bar and chain.

Included Components

The DEWALT 20V MAX* XR Chainsaw Kit comes with the following items:

- (1) DCCS620 Chainsaw Unit
- (1) 20V MAX* 5Ah Lithium Ion Battery
- (1) Battery Charger
- (1) Hard Bar Cover



Figure 2: Visual representation of the components included in the DCCS620P1 kit.

Setup and Assembly

The DEWALT 20V MAX* XR Chainsaw is designed for quick and easy setup. The unit comes largely pre-assembled. Follow these steps to prepare your chainsaw for operation:

1. **Charge the Battery:** Fully charge the 20V MAX* 5Ah Lithium Ion Battery using the provided charger. Ensure the battery is securely seated in the charger and allow it to charge until the indicator light confirms a full charge.
2. **Install the Battery:** Align the charged battery with the battery port on the chainsaw handle and slide it in until it clicks securely into place.
3. **Check Chain Tension:** The chainsaw features tool-free chain tensioning. Verify the chain tension by pulling the chain away from the bar. It should snap back into place. If adjustment is needed, use the bar tightening knob to achieve proper tension. Refer to Figure 3 for key features.
4. **Fill Bar Oil Reservoir:** Locate the bar oil reservoir cap. Unscrew the cap and fill the reservoir with appropriate bar and chain oil (not included). Ensure the cap is securely tightened after filling.
5. **Remove Bar Cover:** Before operation, slide off the hard bar cover from the 12-inch bar and chain.



Figure 3: Key features including chain brake, low kickback bar, tool-free tensioning, and brushless motor.

Operating Instructions

Always prioritize safety when operating the chainsaw. Wear appropriate personal protective equipment (PPE) including eye protection, hearing protection, gloves, and sturdy footwear.

- **Starting the Chainsaw:** To activate the chainsaw, depress the safety button located on the handle, then squeeze the trigger. The chain will begin to move. Release the trigger to stop the chain.
- **Cutting Applications:** This chainsaw is ideal for cutting beams, demolition work, and managing tree limbs. Its 12-inch low kickback bar and chain are suitable for various construction and outdoor cutting tasks.
- **Runtime Performance:** The high-efficiency brushless motor maximizes runtime. Expect up to 90 cuts per charge on 4x4 pressure treated wood when using a 20V MAX* 5Ah battery.
- **User Control:** The compact and lightweight design (approximately 9 lbs with battery) provides maximum user control, reducing fatigue during extended use.



Figure 4: Chainsaw in use, demonstrating its low kickback 12-inch bar and chain for efficient cutting.



Figure 5: Illustrating the chainsaw's capability of up to 90 cuts per charge on 4x4 pressure treated wood.



Figure 6: The compact and lightweight design of the chainsaw allows for maximum user control.

Maintenance

Regular maintenance ensures optimal performance and extends the life of your DEWALT chainsaw.

- **Chain Lubrication:** Regularly check and refill the bar oil reservoir. Proper lubrication is crucial for chain and bar longevity. It is recommended to check oil levels before each use.
- **Chain Tensioning:** Periodically check the chain tension. The tool-free chain tensioning system allows for easy adjustments. A properly tensioned chain should be snug but still allow for manual movement around the bar.
- **Cleaning:** After each use, clean sawdust and debris from the chainsaw, especially around the bar, chain, and motor vents. Ensure the battery is removed before cleaning.
- **Storage:** Always remove the battery and attach the hard bar cover before storing the chainsaw. Store in a dry,

secure location away from children.

Troubleshooting

Problem	Possible Cause	Solution
Chainsaw not starting/running	Battery not charged or improperly installed; Safety button not depressed; Trigger not fully squeezed.	Ensure battery is fully charged and correctly inserted. Depress safety button fully before squeezing trigger.
Chain not cutting efficiently	Dull chain; Improper chain tension; Low bar oil.	Sharpen or replace chain. Adjust chain tension using the tool-free knob. Refill bar oil reservoir.
Bar oil leakage when stored	Common characteristic of some chainsaw designs; Improper storage position.	Store the chainsaw on a piece of cardboard or a tray to catch any drips. Ensure the bar oil cap is tightly secured. This is a known characteristic and does not typically indicate a defect.

Specifications

Feature	Detail
Brand	DEWALT
Model Number	DCCS620P1
Power Source	Battery Powered (20V MAX* Lithium Ion)
Chain Length	12 Inches (30 cm)
Motor Type	High-Efficiency Brushless
Item Weight (with battery)	Approx. 9 lbs
Product Dimensions	25"L x 9"W x 9"H
Included Components	Chainsaw, 5Ah Battery, Charger, Hard Bar Cover
Cuts per Charge (4x4 PT wood)	Up to 90

Warranty and Support

For detailed warranty information and customer support, please refer to the official DEWALT website or contact DEWALT customer service directly. Keep your purchase receipt for warranty claims.
Additional resources, including PDF manuals, may be available on the product's Amazon listing page or the DEWALT official website.

Installation Manual (PDF)

User Manual (PDF)

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