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## DEWALT DWO1DT612

# DEWALT DWO1DT612 12-Inch 20V MAX Cordless Chainsaw Replacement Chain User Manual

Model: DWO1DT612

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## 1. INTRODUCTION

This manual provides essential information for the safe and effective use of your DEWALT DWO1DT612 12-inch replacement chainsaw chain. This genuine DEWALT part is designed for 20V MAX Cordless chainsaws, ensuring optimal performance and compatibility. Please read this manual thoroughly before installation and operation to ensure proper handling and longevity of your product.



Figure 1: DEWALT DWO1DT612 12-inch Chainsaw Replacement Chain in its original packaging.

## 2. SAFETY INFORMATION

Always prioritize safety when handling chainsaw chains. Improper installation or use can lead to serious injury. Adhere to the following safety guidelines:

- **Read Your Chainsaw Manual:** Always consult your chainsaw's owner's manual for specific safety instructions and proper part number identification.
- **Wear Protective Gear:** Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, hearing protection, and sturdy footwear, when handling or operating a chainsaw.
- **Disconnect Power:** Before installing, removing, or performing any maintenance on the chainsaw chain, ensure the chainsaw is turned off and the battery pack is removed (for cordless models) or unplugged (for corded models).
- **Handle with Care:** Chainsaw chains are extremely sharp. Handle them carefully to prevent cuts.
- **Inspect Before Use:** Before each use, inspect the chain for any damage, dullness, or missing components. Never use a damaged or improperly installed chain.

- **Correct Direction:** Ensure the chain is installed with the cutting teeth facing the correct direction as indicated in your chainsaw's manual. Incorrect installation can cause kickback or poor cutting performance.

### 3. SETUP & INSTALLATION

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Installing the DEWALT DWO1DT612 replacement chain is a straightforward process. Follow these general steps. Refer to your specific chainsaw model's manual for detailed instructions and diagrams.

1. **Prepare the Chainsaw:** Ensure the chainsaw is powered off and the battery is removed. Place the chainsaw on a stable, flat surface.
2. **Remove the Chain Cover:** Loosen the nuts or knob securing the chain cover (also known as the side plate or clutch cover) and carefully remove it.
3. **Remove Old Chain and Bar:** Remove the old chain from the guide bar and the drive sprocket. Then, remove the guide bar itself.
4. **Clean Components:** Clean any sawdust, debris, or old oil from the guide bar, sprocket, and chain area.
5. **Install New Chain on Bar:** Carefully uncoil the new DEWALT DWO1DT612 chain. Place the chain around the guide bar, ensuring the cutting teeth are oriented correctly (they should face the direction of rotation, typically forward along the top of the bar).
6. **Position Bar and Chain:** Fit the chain around the drive sprocket and slide the guide bar back into its mounting studs. Ensure the chain tensioning pin engages with the hole in the guide bar.
7. **Adjust Chain Tension:** Hand-tighten the chain cover nuts slightly. Adjust the chain tension using the tensioning screw. The chain should be snug against the guide bar but still able to be pulled freely by hand. There should be no slack on the underside of the bar, and the drive links should not come out of the bar groove.
8. **Secure Chain Cover:** Fully tighten the chain cover nuts. Double-check the chain tension after tightening, as it can sometimes change.
9. **Lubricate (if applicable):** Ensure the chainsaw's oil reservoir is filled with appropriate bar and chain oil.

**Important:** Always verify the chain's direction of travel. The cutting edges should point towards the nose of the guide bar on the top side.

### 4. MAINTENANCE

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Regular maintenance of your chainsaw chain is crucial for optimal cutting performance and safety. While this is a replacement chain, proper care will extend its lifespan.

- **Sharpening:** Chainsaw chains will dull over time. Sharpening can restore cutting efficiency. Use a round file of the correct diameter for your chain's pitch (refer to your chainsaw manual or chain specifications). Maintain the correct filing angle for each tooth.
- **Cleaning:** After each use, clean the chain to remove sawdust, resin, and debris. This prevents buildup that can hinder performance and cause premature wear.
- **Lubrication:** Ensure your chainsaw's automatic oiler is functioning correctly and that the bar and chain are adequately lubricated during operation. Proper lubrication reduces friction and heat, extending chain life.
- **Tension Check:** Periodically check and adjust chain tension. A chain that is too loose can derail, while a chain that is too tight can cause excessive wear on the bar and sprocket.
- **Storage:** When not in use, store the chain in a clean, dry place to prevent rust. If storing for an extended period, lightly oil the chain.

### 5. TROUBLESHOOTING

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If you encounter issues with your DEWALT DWO1DT612 replacement chain, consider the following common problems and solutions:

- **Chain Not Cutting Effectively:**

- Check if the chain is dull and requires sharpening.
- Verify the chain is installed in the correct direction.
- Ensure proper chain tension.

- **Chain Derails Frequently:**

- The chain tension might be too loose. Adjust it according to the manual.
- The guide bar might be worn or damaged. Inspect and replace if necessary.
- The drive sprocket might be worn.

- **Excessive Smoke or Heat:**

- Check if the chain is dull.
- Ensure the chain is properly lubricated (check oil reservoir and oiler function).
- Chain tension might be too tight.

- **Chain Jams or Binds:**

- Improper cutting technique.
- Chain is dull or damaged.
- Guide bar groove is clogged with debris.

For persistent issues, consult a qualified service technician or refer to your chainsaw's comprehensive troubleshooting guide.

## 6. SPECIFICATIONS

Feature	Specification
Brand	DEWALT
Model Number	DWO1DT612
Item Length	12 Inches
Chain Length	12 Inches
Chain Type	Semi-Chisel
Drive Link Count	52
Item Weight	6.4 ounces
Product Dimensions	6 x 1 x 9 inches
UPC	885911633376
ASIN	B092NG285F

## 7. WARRANTY & SUPPORT

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As a genuine DEWALT replacement part, the DWO1DT612 chain is manufactured to high-quality standards. For specific warranty information, please refer to the documentation included with your original DEWALT chainsaw or visit the official DEWALT website.

For technical support, product inquiries, or to locate authorized service centers, please contact DEWALT customer service or visit their official support channels. Always use genuine DEWALT parts to maintain product warranty and ensure safe operation.

