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## Oregon L81

# Oregon L81 ControlCut Chainsaw Chain Instruction Manual

Model: L81 | Brand: Oregon

## 1. PRODUCT OVERVIEW

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The Oregon L81 ControlCut Chainsaw Chain is designed for optimal performance and durability. This chain features a 0.325 inch pitch, 0.063 inch (1.6 mm) gauge, and 81 drive links, making it suitable for 20-inch bars. It is engineered to fit various chainsaw models, including several Stihl models, and is ideal for occasional users such as property owners and landscapers.



Image 1.1: Oregon L81 ControlCut Chainsaw Chain in packaging.

### Key Features:

- **Low-Vibration, Low-Kickback Design:** Offers enhanced safety and control during operation.
- **Micro Chisel Cutters:** Small-radius working corners provide excellent cutting performance in hardwood and simplify maintenance.
- **Lubri-Tec Automatic Oiling System:** Extends chain life by delivering oil to critical chain components, reducing wear and maintenance.
- **Compatibility:** Designed to fit a wide range of chainsaw models requiring a 0.325 inch pitch, 0.063 inch gauge, and 81 drive links.

## 2. IMPORTANT SAFETY GUIDELINES

Always prioritize safety when operating a chainsaw. This Oregon L81 ControlCut chain is designed with low-kickback features to minimize reactive force, meeting ANSI B175.1-2012 and CSA standard Z62.3 requirements. However, proper safety practices, personal protective equipment (PPE), and adherence to your chainsaw's manufacturer manual are crucial.



Image 2.1: Low Kickback certification for the chainsaw chain.

Before each use, inspect the chain for damage, dullness, or improper tension. Ensure all safety features on your chainsaw are functional. Wear appropriate safety gear, including a helmet, eye protection, hearing protection, gloves, and chainsaw protective trousers or chaps.

### 3. SELECTING THE CORRECT CHAIN

To ensure proper fit and safe operation, it is essential to select a chainsaw chain that matches your chainsaw's specifications. The Oregon L81 chain is designed for a 20-inch bar, 0.325 inch pitch, 0.063 inch gauge, and 81 drive links.



Image 3.1: Visual guide for measuring bar length, drive links, gauge, and pitch to find the correct chain.

## Compatibility:

This chain is compatible with many chainsaw models that require a 0.325 inch pitch, 0.063 inch (1.6 mm) gauge, and 81 drive links. Compatible Stihl models include:

- 024, 024 Super
- 026, 026 Pro, 028, 028 Super
- 029, 030, 031, 032, 034, 034 Super
- 036, 036 Pro, 039
- MS 260, MS 260 Pro, MS 261, MS 261 C-M, MS 261 CQ
- MS 270, MS 270 C, MS 271, MS 280, MS 290, MS 291
- MS 310, MS 360, MS 360 Pro

**Note:** For Stihl models marked with an asterisk (\*), ensure your model has a 0.325 inch sprocket. For a comprehensive list of compatible models, please visit the official Oregon Products website.

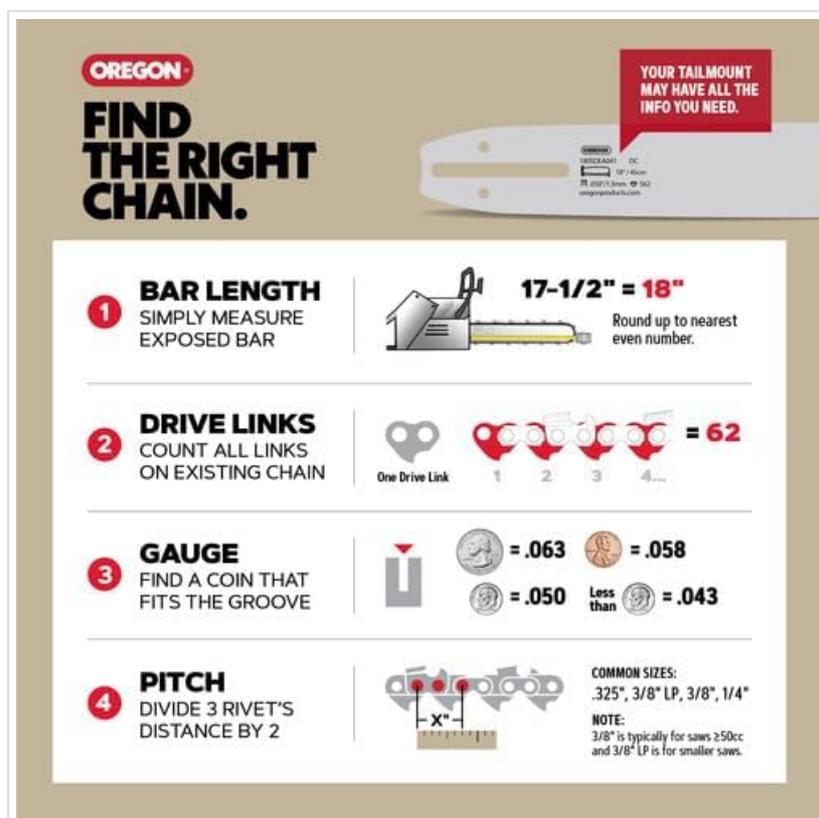


Image 3.2: Back of the Oregon L81 ControlCut Chainsaw Chain packaging showing model compatibility.

## 4. INSTALLATION

Refer to your chainsaw's owner's manual for specific chain installation instructions. General steps typically include:

1. Ensure the chainsaw is turned off and the spark plug wire is disconnected to prevent accidental starting.
2. Remove the clutch cover and old chain (if applicable).
3. Carefully place the new Oregon L81 chain onto the guide bar, ensuring the cutting edges face the correct direction (usually forward on the top of the bar).
4. Fit the chain around the drive sprocket.
5. Reinstall the clutch cover, leaving the nuts slightly loose.

6. Adjust chain tension according to your chainsaw's manual. The chain should be snug but still able to be pulled freely around the bar by hand.
7. Tighten the clutch cover nuts securely.

## 5. OPERATION

Once the Oregon L81 ControlCut chain is correctly installed and tensioned, you can begin operation. The Micro Chisel cutters are designed for efficient cutting, especially in hardwood. The low-kickback design contributes to a smoother and safer cutting experience.



Image 5.1: A person using a chainsaw equipped with an Oregon chain for cutting wood.

Always maintain a firm grip on the chainsaw and stand in a balanced position. Allow the chain to do the work; do not force it through the wood. Be aware of your surroundings and potential hazards. The integrated Lubri-Tec system will automatically oil the chain during operation, but regular checks of your chainsaw's oil reservoir are still necessary.

Your browser does not support the video tag.

Video 5.1: Official Oregon Saw Chain overview demonstrating cutting performance and features.

## 6. MAINTENANCE

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Proper maintenance extends the life of your Oregon L81 ControlCut chain and ensures consistent cutting performance.

### Chain Lubrication:

The built-in Lubri-Tec automatic oiling system is designed to deliver oil to key parts of the chain and guide bar. Regularly check your chainsaw's oil level and refill with appropriate bar and chain oil to ensure continuous lubrication.

### Sharpening:

The Micro Chisel cutters are designed for easy maintenance and sharpening. When the chain becomes dull, it will cut less efficiently and produce fine sawdust instead of chips. Sharpen the chain regularly using a round file of the correct diameter (refer to your chainsaw manual or chain specifications for the exact size). Maintain the correct filing angles for optimal performance.

### Cleaning and Storage:

After each use, clean the chain to remove sawdust, sap, and debris. A clean chain reduces wear and prevents corrosion. Store the chain in a dry environment to prevent rust. If storing for an extended period, lightly oil the chain before storage.

## 7. TROUBLESHOOTING COMMON ISSUES

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- **Chain Not Cutting Efficiently:** Check if the chain is dull and requires sharpening. Ensure the chain is installed with the cutters facing the correct direction. Verify proper chain tension.
- **Excessive Vibration:** This can indicate improper chain tension, a damaged chain, or a worn guide bar. Inspect all components and adjust or replace as necessary.
- **Chain Smoking or Overheating:** Insufficient lubrication is a common cause. Check the chainsaw's oil reservoir and ensure the Lubri-Tec system is functioning. Also, verify chain tension is not too tight.
- **Chain Derailment:** Incorrect chain tension (too loose) or a worn guide bar can cause the chain to come off. Adjust tension or inspect the guide bar for wear.

## 8. TECHNICAL SPECIFICATIONS

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Specification	Detail
Model Number	L81
Brand	Oregon
Chain Length	20 Inches
Drive Link Count	81
Item Pitch	0.325 Inches
Gauge	0.063 Inches (1.6 mm)
Chain Type	22BPX (Micro Chisel)
Item Weight	12.8 ounces

Specification	Detail
Product Dimensions	1 x 4.8 x 7 inches
Manufacturer	Oregon Tool
UPC	036577010654

## 9. WARRANTY AND CUSTOMER SUPPORT

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Oregon Tool stands behind the quality and performance of its products. For specific warranty information, product registration, or to contact customer support, please visit the official Oregon brand store or website.

**Online Support:** [Visit the Oregon Store on Amazon](#)