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› [Oregon](#) /

› [Oregon 12-inch Chainsaw Replacement Chain User Manual](#)

Oregon 12-inch, 3/8-inch Pitch, .050 Gauge, 44 Drive Link Chainsaw Chain

Oregon 12-inch Chainsaw Replacement Chain User Manual

INTRODUCTION

This manual provides essential information for the safe and effective use, installation, and maintenance of your Oregon 12-inch Chainsaw Replacement Chain. This chain is designed for specific pole saws and power pruners that require a 3/8-inch pitch, .050 gauge, and 44 drive links. Please read this manual thoroughly before installation and operation to ensure proper function and safety.

COMPATIBILITY

This Oregon 12-inch replacement chain is compatible with various Echo and Power Pruner models that utilize a 3/8-inch pitch, .050 gauge chain with 44 drive links. Verify your saw's specifications before purchase and installation.

Compatible Models Include:

- Echo Pole Saws: PPF-210, PPF-211, PPF-225, PPT-230, PPT-231, PPT-260, PPT-261, PPT-265, PPT-265S, PPT-280
- Echo Power Pruners: PP-300, PP-400, PP-600, PP-800, PP-1200, PP-1250, PP-1260, PP-1400, PPF-1400-D, PPF-2100, PPT-2100, PPF-2400, PPT-2400, PPSR-2122, PPSR-2433

SPECIFICATIONS

Feature	Specification
Brand	Oregon
Chain Length	12 Inches
Item Pitch	0.38 Inches (3/8")
Gauge	.050 Inches
Drive Link Count	44
Chain Type	Full Complement

Feature	Specification
Item Weight	5.2 ounces



Image: Oregon 12-inch Chainsaw Replacement Chain. This image shows the chain coiled, highlighting its design and construction.

SAFETY INFORMATION

Always prioritize safety when working with chainsaws and their components. Failure to follow safety guidelines can result in serious injury or death.

- **Read Your Saw's Manual:** Always consult the owner's manual for your specific chainsaw model for detailed safety instructions and chain replacement procedures.
- **Wear Personal Protective Equipment (PPE):** Always wear appropriate safety gear, including a helmet, eye protection, hearing protection, heavy-duty gloves, chainsaw chaps, and safety boots.
- **Disconnect Power:** Before performing any maintenance or chain replacement, ensure the chainsaw's engine is off and the spark plug wire is disconnected (for gas saws) or the battery is removed (for electric/cordless saws).
- **Inspect for Damage:** Before each use, inspect the chain, guide bar, and saw for any damage, wear, or loose components. Replace damaged parts immediately.
- **Proper Chain Tension:** Maintain correct chain tension as specified in your chainsaw's manual. An improperly tensioned chain can derail, causing injury or damage.
- **Sharp Chain:** A sharp chain cuts efficiently and reduces the risk of kickback. Keep your chain properly sharpened.

INSTALLATION INSTRUCTIONS

Follow these general steps for replacing your chainsaw chain. Always refer to your chainsaw's specific owner's manual for detailed instructions, as procedures may vary by model.

1. **Prepare the Saw:** Ensure the chainsaw is turned off, the spark plug wire is disconnected (gas) or battery removed (electric), and the chain brake is engaged.
2. **Loosen Bar Nuts:** Use a wrench to loosen the bar nuts that secure the clutch cover. Do not remove them completely yet.
3. **Remove Clutch Cover:** Remove the clutch cover and set it aside. This will expose the drive sprocket

and guide bar.

4. **Remove Old Chain and Bar:** Carefully remove the old chain from the guide bar and drive sprocket. Then, remove the guide bar.
5. **Clean Components:** Clean any sawdust, debris, and old oil from the clutch area, guide bar groove, and oil holes.
6. **Install New Chain:** Place the new Oregon chain onto the drive sprocket, ensuring the cutting edges are facing the correct direction (usually forward on the top of the bar).
7. **Reinstall Guide Bar:** Slide the guide bar back into position, ensuring the chain fits into the guide bar groove.
8. **Replace Clutch Cover:** Reinstall the clutch cover and hand-tighten the bar nuts.
9. **Adjust Chain Tension:** Adjust the chain tension according to your chainsaw's manual. The chain should be snug against the bottom of the guide bar, but you should be able to pull it around the bar by hand without binding. It should not sag underneath the bar.
10. **Tighten Bar Nuts:** Once tension is correct, fully tighten the bar nuts.
11. **Test Chain Movement:** With the power still disconnected, manually rotate the chain around the bar to ensure smooth movement.

OPERATING GUIDELINES

While this is a replacement chain, proper operating practices are crucial for its longevity and your safety.

- **Proper Lubrication:** Ensure your chainsaw's oil reservoir is filled with appropriate bar and chain oil. The chain must be continuously lubricated during operation to prevent premature wear and overheating.
- **Avoid Kickback:** Be aware of the kickback danger zone at the tip of the guide bar. Always maintain a firm grip on the saw and a stable stance.
- **Cut with Care:** Let the chain do the work. Do not force the saw through wood. Apply steady, even pressure.
- **Inspect Frequently:** Periodically check chain tension during operation, especially when the chain is new, as it may stretch slightly.

MAINTENANCE

Regular maintenance extends the life of your chain and ensures safe, efficient cutting.

- **Sharpening:** Sharpen the chain regularly with the correct file size and angle for a 3/8-inch pitch chain. A sharp chain cuts faster, reduces effort, and minimizes wear on the saw.
- **Cleaning:** After each use, clean the chain and guide bar to remove sap, sawdust, and debris. This prevents buildup that can hinder performance and lubrication.
- **Lubrication:** Always use quality bar and chain oil. Ensure the oiler is functioning correctly and delivering oil to the chain and guide bar.
- **Storage:** When not in use, store the chain in a clean, dry place. If storing for an extended period, clean and lightly oil the chain to prevent rust.

TROUBLESHOOTING

Here are some common issues and their potential solutions related to your chainsaw chain:

- **Chain Not Cutting Efficiently:**

- *Possible Cause:* Dull chain. *Solution:* Sharpen the chain.
- *Possible Cause:* Incorrect chain tension. *Solution:* Adjust tension according to your saw's manual.
- **Chain Smoking or Overheating:**
 - *Possible Cause:* Lack of lubrication. *Solution:* Check bar oil level and oiler function.
 - *Possible Cause:* Incorrect chain tension (too tight). *Solution:* Loosen chain tension slightly.
 - *Possible Cause:* Dull chain. *Solution:* Sharpen the chain.
- **Chain Derailing from Guide Bar:**
 - *Possible Cause:* Incorrect chain tension (too loose). *Solution:* Tighten chain tension.
 - *Possible Cause:* Worn guide bar or sprocket. *Solution:* Inspect and replace worn components.
- **Excessive Vibration:**
 - *Possible Cause:* Damaged or bent chain links. *Solution:* Replace the chain.
 - *Possible Cause:* Incorrect chain tension. *Solution:* Adjust tension.

WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the official Oregon website or contact Oregon customer support directly. Keep your purchase receipt as proof of purchase.

Oregon Customer Support: For technical assistance, parts, or warranty claims, please visit the official Oregon website or contact their customer service department. Contact information can typically be found on the product packaging or the manufacturer's website.