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Oregon 22LPX100U

Oregon 22LPX100U PowerCut Chainsaw Chain Reel Instruction Manual

INTRODUCTION

This manual provides essential information for the proper handling, installation, operation, and maintenance of your Oregon 22LPX100U PowerCut Chainsaw Chain Reel. The 22LPX chain is a professional-grade, full chisel saw chain designed for high performance and durability. Adhering to these instructions will ensure safe and efficient use of the product.

SAFETY INFORMATION

WARNING: Chainsaws are dangerous tools. Always read and understand your chainsaw's owner's manual before operating. Failure to follow safety instructions can result in serious injury or death.

- Always wear appropriate Personal Protective Equipment (PPE), including a helmet, eye protection, hearing protection, gloves, and protective legwear, when handling or operating a chainsaw.
- Ensure the chainsaw is turned off and the spark plug cap is removed before handling the chain for installation, adjustment, or maintenance.
- Handle the chain with care; cutters are sharp.
- Maintain proper chain tension to prevent derailment and potential injury.
- Never operate a chainsaw with a dull, damaged, or improperly installed chain.

PRODUCT SPECIFICATIONS

The Oregon 22LPX100U PowerCut Saw Chain reel contains 100 feet of 22LPX chain, designed for professional woodcutters. Key features include full chisel cutters for top performance and offset depth gauges for smoother cutting.

Specification	Detail
Product Family	PowerCut™
Chain Type	22LPX, Full Chisel

Specification	Detail
Pitch	.325"
Gauge	.063"
Drive Links (for 100' reel)	1848
Recommended File Size	3/16"
Low Kickback (ANSI)	No
Narrow Kerf	No
Package Type	Reel (100 feet)
Compatible Saw Sizes	38-62 cc
Key Technologies	LubriTec™, Blued Cutters, Top-Plate Filing Indicators, OCS-01 Steel
Replaces Chains	Husqvarna H26-100U, Stihl 26RS3100R

LubriTec™: This feature ensures your chain and guide bar remain oiled for reduced friction and extended life. **Blued Cutters:** Provide high-quality protection against corrosion. **Top-Plate Filing Indicators:** Aid in accurate sharpening. **Exclusive OCS-01 Steel:** Offers greater durability for demanding tasks.



Image: The Oregon 22LPX100U PowerCut Chainsaw Chain Reel, showing 100 feet of chain coiled within its packaging, alongside a small bag of connecting links.

SETUP AND INSTALLATION

This 100-foot reel allows you to cut custom lengths of chain for various guide bar sizes. Always refer to your chainsaw's manual for specific installation procedures.

- 1. Measure and Cut:** Determine the required number of drive links for your guide bar. Carefully unroll the chain from the reel and cut it to the precise length using appropriate chain-breaking tools.
- 2. Assemble Chain:** Use the provided connecting links to join the ends of the cut chain, ensuring the cutters are facing the correct direction for cutting.
- 3. Prepare Chainsaw:** Ensure the chainsaw is off, the spark plug cap is disconnected, and the chain brake is engaged. Remove the clutch cover and old chain/guide bar if present.
- 4. Install Guide Bar:** Place the guide bar onto the chainsaw studs.
- 5. Install Chain:** Loop the new chain around the drive sprocket, then guide it into the groove of the guide bar, ensuring the cutters are oriented correctly (facing forward on the top of the guide bar).
- 6. Replace Clutch Cover:** Reinstall the clutch cover, but do not fully tighten the nuts yet.
- 7. Adjust Chain Tension:** Adjust the chain tensioning screw until the chain is snug against the bottom

of the guide bar, but can still be pulled freely by hand. The drive links should not come out of the guide bar groove. A properly tensioned chain will have minimal sag on the underside of the guide bar.

8. **Tighten Nuts:** Fully tighten the clutch cover nuts.
9. **Final Check:** Verify chain tension again after tightening. Ensure the chain moves freely and is properly seated.

OPERATING GUIDELINES

Once the chain is correctly installed and tensioned, ensure your chainsaw's oil reservoir is filled with appropriate bar and chain oil. The LubriTec™ system will help distribute oil effectively, but external lubrication is still crucial.

- Always start the chainsaw on a stable surface, ensuring the chain brake is engaged.
- Maintain a firm grip on both handles of the chainsaw.
- Avoid cutting with the tip of the guide bar to prevent kickback.
- Allow the chain to reach full operating speed before beginning a cut.
- Do not force the chain through wood; let the chain do the work.
- Regularly check chain tension during operation, especially during the first hour of use, as new chains can stretch.

MAINTENANCE AND SHARPENING

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

- **Sharpening:** The 22LPX chain features full chisel cutters. Use a 3/16" round file for sharpening. Follow the Top-Plate Filing Indicators for correct angles. Sharpen all cutters evenly to maintain balance. A sharp chain cuts efficiently and reduces strain on the chainsaw.
- **Depth Gauge Adjustment:** After several sharpenings, check and file the depth gauges if necessary. Refer to a depth gauge tool for proper settings.
- **Lubrication:** Always use quality bar and chain oil. The LubriTec™ system helps, but consistent oil flow from the chainsaw is vital.
- **Cleaning:** Regularly clean the chain, guide bar groove, and sprocket area to remove sawdust, sap, and debris. This prevents buildup that can impede chain movement and lubrication.
- **Inspection:** Before each use, inspect the chain for damaged, cracked, or excessively worn cutters, drive links, and rivets. Replace the chain if any damage is found.

TROUBLESHOOTING

Addressing common issues promptly can prevent further damage and ensure safe operation.

- **Chain Cuts Crooked:** This often indicates unevenly sharpened cutters or a worn guide bar. Inspect and sharpen cutters, ensuring all are the same length and angle. Check the guide bar for burrs or uneven wear.
- **Chain Does Not Cut Efficiently / Produces Fine Dust:** The chain is likely dull. Sharpen the chain using a 3/16" file. Ensure depth gauges are set correctly.
- **Excessive Vibration:** Can be caused by improper chain tension (too loose), damaged chain components, or a worn drive sprocket. Check tension, inspect chain for damage, and examine the

sprocket.

- **Chain Derails:** Usually due to incorrect chain tension (too loose) or a worn guide bar groove. Adjust tension or replace the guide bar if worn.
- **Chain Overheats / Smokes:** Insufficient lubrication or improper chain tension (too tight). Check bar and chain oil level and flow, and adjust chain tension.

WARRANTY AND SUPPORT

For warranty information regarding your Oregon 22LPX100U PowerCut Chainsaw Chain Reel, please refer to the official Oregon Products website or contact their customer support directly. Keep your purchase receipt as proof of purchase.

For additional technical support or inquiries, visit the [Oregon Products website](#) or consult an authorized Oregon dealer.