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› TrueCut Chainsaw Replacement Chain Instruction Manual for Alpina Models P45, P450, P460, P482, P500

## TrueCut 0.325LP Pitch, 0.05 Gauge, 52 Drive Links

# TrueCut Chainsaw Replacement Chain Instruction Manual

For Alpina Chainsaw Models P45, P450, P460, P482, P500  
Brand: TrueCut | Model Specifications: 0.325LP Pitch, 0.05 Gauge, 52 Drive Links

## INTRODUCTION

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This manual provides instructions for the proper installation, use, and maintenance of your TrueCut aftermarket chainsaw replacement chain. This chain is specifically designed for compatibility with various Alpina chainsaw models. Adhering to these guidelines will ensure safe operation and extend the life of your chain.

## SAFETY INFORMATION

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

- Always wear appropriate personal protective equipment (PPE) including safety glasses, gloves, hearing protection, and sturdy footwear when handling or working with chainsaw chains.
- Ensure the chainsaw is turned off and the spark plug cap is disconnected before performing any maintenance or chain replacement.
- Refer to your chainsaw's original instruction manual for specific safety procedures related to your chainsaw model.
- Chainsaw chains are extremely sharp. Handle with extreme care to prevent cuts or other injuries.
- Never operate a chainsaw with a damaged, dull, or improperly installed chain.

## PRODUCT SPECIFICATIONS

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This TrueCut replacement chain features the following technical specifications:

- **Pitch:** 0.325" Low Profile (LP)

- **Gauge:** 0.050"
- **Drive Links:** 52
- **Chain Type:** Low Kickback, Dual Raker
- **Compatibility:** Designed for Alpina Chainsaw Models P45, P450, P460, P482, P500.

**Note:** Always verify your chainsaw's required chain specifications (pitch, gauge, and number of drive links) before installing a new chain to ensure proper fit and safe operation. Incorrect chain specifications can lead to damage or unsafe conditions.

## SETUP AND INSTALLATION

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Follow these steps to safely install your new TrueCut replacement chainsaw chain. Always refer to your specific chainsaw model's owner's manual for detailed, model-specific instructions.

1. **Preparation:** Ensure the chainsaw is turned off, the spark plug wire is disconnected, and the chain brake is engaged. Place the chainsaw on a stable, flat surface.
2. **Remove Bar Cover:** Loosen and remove the bar nuts that secure the clutch cover/side plate. Carefully remove the cover.
3. **Loosen Bar Tension:** If your chainsaw has a chain tensioning screw, loosen it to allow the guide bar to move freely.
4. **Remove Old Chain:** Carefully remove the old chain from the guide bar and drive sprocket. Dispose of the old chain responsibly.
5. **Install New Chain:** Place the new TrueCut chain around the drive sprocket. Ensure the cutting edges of the chain cutters are facing forward, in the direction of rotation (away from the engine on the top of the bar).
6. **Position Guide Bar:** Fit the chain into the groove of the guide bar. Slide the guide bar studs through the holes in the guide bar.
7. **Reinstall Bar Cover:** Replace the clutch cover/side plate and hand-tighten the bar nuts. Do not fully tighten yet.
8. **Adjust Chain Tension:** While holding the tip of the guide bar up, adjust the chain tensioning screw until the chain fits snugly against the bottom of the guide bar. The chain should be able to be pulled freely around the bar by hand, but there should be no sag on the underside of the bar. A properly tensioned chain will have the drive links fully seated in the bar groove, and you should be able to pull the chain up slightly, but not enough to expose the drive links.
9. **Tighten Bar Nuts:** With the chain tension correctly set, fully tighten the bar nuts securely.
10. **Final Check:** Reconnect the spark plug wire. Briefly run the chainsaw at low speed to allow the chain to seat, then re-check the tension. Adjust if necessary. The chain will stretch slightly during initial use.



Image 1: TrueCut Chainsaw Replacement Chain. This image shows the coiled replacement chain, highlighting its sharp cutting teeth and drive links, ready for installation on a chainsaw guide bar.

## OPERATING GUIDELINES

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While this manual focuses on the chain itself, proper chainsaw operation is crucial for safety and optimal performance. Always refer to your chainsaw's owner's manual for complete operating instructions.

- Always ensure the chain is properly tensioned before each use. Check tension frequently during operation, especially with a new chain.
- Keep the chain sharp. A dull chain can cause kickback, increase fuel consumption, and put undue stress on the chainsaw engine.
- Use appropriate chain lubricant (bar and chain oil) and ensure the oiler is functioning correctly. Insufficient lubrication will cause rapid wear and overheating.
- Avoid cutting into dirt, rocks, or metal, as this will dull or damage the chain instantly.
- Follow all operating instructions and safety precautions provided in your chainsaw's owner's manual.

## MAINTENANCE

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Regular maintenance of your chainsaw chain is essential for safety, cutting efficiency, and extending the lifespan of both the chain and your chainsaw.

- **Sharpening:** Sharpen the chain regularly using the correct file size and angle for a 0.325" LP chain. A dull chain increases the risk of kickback and reduces cutting efficiency. Consider professional sharpening if you are unsure about the correct technique.
- **Cleaning:** After each use, clean the chain thoroughly to remove sawdust, sap, and debris. This prevents buildup, corrosion, and ensures smooth operation.
- **Lubrication:** Ensure the chainsaw's automatic oiler is supplying sufficient bar and chain oil during operation. Check the oil level frequently and refill as needed.
- **Inspection:** Regularly inspect the chain for damaged, cracked, or missing cutters, drive links, or

rivets. Replace the chain immediately if any damage is found, as a damaged chain can be extremely dangerous.

- **Storage:** When not in use, store the chain in a clean, dry place. If storing for an extended period, lightly oil the chain to prevent rust and corrosion.

## TROUBLESHOOTING

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This section addresses common issues that may arise with your chainsaw chain and provides potential solutions.

Problem	Possible Cause	Solution
Chain not cutting efficiently	Dull chain, incorrect tension, insufficient lubrication.	Sharpen chain, adjust tension, check oiler function and oil level.
Chain smoking or overheating	Dull chain, incorrect tension (too tight), lack of lubrication.	Sharpen chain, adjust tension (loosen slightly), check oiler function and oil level.
Chain jumping off bar	Incorrect tension (too loose), worn guide bar, worn drive sprocket.	Adjust tension, inspect guide bar and sprocket for wear and replace if necessary.
Excessive vibration	Damaged or unevenly sharpened chain, worn guide bar.	Inspect chain for damage, sharpen evenly, check guide bar for wear.

## WARRANTY AND SUPPORT

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This TrueCut aftermarket replacement chain is designed to meet high-quality standards. For specific warranty information regarding this product, please refer to the seller's or manufacturer's documentation provided at the time of purchase. For technical support or further assistance, please contact the retailer or the TrueCut customer service department.

## DISPOSAL

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When the chain reaches the end of its useful life, dispose of it responsibly according to local regulations. Metal components may be recyclable. Do not discard with general household waste.