

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [TrueCut](#) /

› [TrueCut Chainsaw Chain Replacement Manual for Solo Models 642, 643, 644SP, 651SP, 646, 647 \(0.325LP, .05" G, 72L\)](#)

## TrueCut Chainsaw Chain 0.325LP .05" G 72L

# TrueCut Chainsaw Chain Replacement Manual

FOR SOLO MODELS 642, 643, 644SP, 651SP, 646, 647 (0.325LP, .05" G, 72L)

## Introduction

This manual provides essential instructions for the proper installation, safe operation, and maintenance of your TrueCut Chainsaw Chain. This replacement chain is designed for compatibility with Solo Chainsaw Models 642, 643, 644SP, 651SP, 646, and 647. Please read this manual thoroughly before use to ensure safety and optimal performance.

### Key Features:

- Aftermarket Replacement Chain Loop
- 3/8 LP Pitch, 0.05 Gauge
- Low Kickback Design
- 52 Drive Links - Dual Raker

## Important Safety Information

Always prioritize safety when working with chainsaws. Failure to follow safety instructions can result in serious injury or death. Refer to your chainsaw's original operating manual for comprehensive safety guidelines.

- Wear appropriate personal protective equipment (PPE) including safety glasses, hearing protection, gloves, and protective footwear.
- Ensure the chainsaw is turned off and the spark plug cap is removed before performing any maintenance or chain replacement.
- Inspect the chain, guide bar, and sprocket for wear or damage before each use. Replace worn parts immediately.
- Maintain proper chain tension. A loose chain can derail and cause injury.
- Keep bystanders and pets at a safe distance from the work area.

## Installation Instructions

Follow these steps to safely replace your chainsaw chain. Always consult your chainsaw's specific manual for detailed instructions on chain replacement for your model.

1. **Prepare the Chainsaw:** Ensure the chainsaw engine is off and cool. Disconnect the spark plug wire to prevent accidental starting.
2. **Remove the Chain Cover:** Loosen the bar nuts that secure the chain cover (also known as the clutch cover or side cover). 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 and Bar:** Carefully remove the old chain from the sprocket and guide bar. Remove the guide bar.
5. **Clean Components:** Clean any sawdust, debris, or old oil from the guide bar groove, sprocket, and chain brake area.
6. **Install New Chain:** Place the new TrueCut chain onto the sprocket, ensuring the cutting edges are facing the correct direction (usually forward on the top of the bar).
7. **Reinstall Guide Bar:** Fit the guide bar over the chain and the bar studs. Ensure the drive links of the chain sit correctly in the guide bar groove.
8. **Replace Chain Cover:** Reinstall the chain cover and hand-tighten the bar nuts. Do not fully tighten yet.
9. **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 chain should not sag underneath the bar.
10. **Tighten Bar Nuts:** Fully tighten the bar nuts while holding the tip of the guide bar up to maintain tension.
11. **Final Check:** Reconnect the spark plug wire. Briefly run the chainsaw at low speed to allow the chain to seat, then re-check and adjust tension if necessary.



Image 1: The TrueCut Chainsaw Chain, coiled for packaging. This image shows the full length of the chain with its individual cutting teeth and drive links.

## Operating Guidelines

While this manual focuses on the chain, proper chainsaw operation is critical for safety and performance. Always refer to

your chainsaw's manufacturer manual for complete operating instructions.

- **Fuel and Oil:** Use the correct fuel mixture and ensure the chain oil reservoir is filled before each use.
- **Starting:** Follow the manufacturer's starting procedure carefully.
- **Grip:** Always hold the chainsaw firmly with both hands.
- **Work Area:** Clear the work area of obstacles and ensure stable footing.
- **Kickback Prevention:** Be aware of the kickback danger zone at the tip of the guide bar. Avoid cutting with this area. This chain features a low kickback design, but proper technique is still essential.
- **Cutting Technique:** Plan your cuts, maintain control, and never overreach.

## Maintenance

Regular maintenance extends the life of your chain and ensures safe operation.

- **Chain Sharpening:** A sharp chain cuts efficiently and safely. Sharpen the chain regularly using the correct file size and angle for a 3/8 LP pitch chain. Refer to a sharpening guide or professional service if unsure.
- **Chain Tension:** Check chain tension frequently, especially during the first hour of use with a new chain. Adjust as needed.
- **Cleaning:** After each use, clean sawdust and debris from the chain, guide bar groove, and sprocket.
- **Lubrication:** Ensure the automatic oiler is functioning correctly and providing adequate lubrication to the chain and bar.
- **Inspection:** Regularly inspect the chain for damaged or missing links, cracks, or excessive wear. Replace the chain if any damage is found.

## Troubleshooting Common Issues

Problem	Possible Cause	Solution
Chain not cutting efficiently	Dull chain, incorrect sharpening angle, improper chain tension.	Sharpen chain, verify sharpening angle, adjust chain tension.
Chain smoking or overheating	Insufficient chain lubrication, dull chain, incorrect chain tension.	Check chain oiler, sharpen chain, adjust chain tension.
Chain derails from guide bar	Loose chain tension, worn guide bar groove, worn sprocket.	Adjust chain tension, inspect and replace guide bar or sprocket if worn.
Excessive vibration	Damaged chain, bent guide bar, loose components.	Inspect chain for damage, check guide bar, ensure all components are tightened.

## Product Specifications

**Brand:** TrueCut

**Pitch:** 3/8 LP (Low Profile)

**Gauge:** 0.050" (0.05")

**Drive Links:** 52

**Features:** Low Kickback, Dual Raker

**Compatible Solo Models:** 642, 643, 644SP, 651SP, 646, 647

**Product Dimensions:** 3 x 2 x 6 inches (packaged)

**Weight:** 11 ounces

**ASIN:** B075MPMLD6

## Support and Further Information

---

For additional support or specific inquiries regarding your TrueCut Chainsaw Chain, please refer to the retailer where the product was purchased. Always consult your chainsaw's original manufacturer manual for detailed operational and safety instructions specific to your chainsaw model.



TrueCut Chainsaw Chain Manual © 2023. All rights reserved.