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TrueCut 3/8" LP .05" G 54 L- Dual Raker-Semi Chisel

Chainsaw Chain Replacement Manual

For TrueCut Chainsaw Chains compatible with Alpina Models

1. PRODUCT OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of your new TrueCut Aftermarket Chainsaw Chain Loop. This chain is designed as a high-quality replacement part for specific Alpina chainsaw models.

Key features include:

- **Pitch:** 3/8" LP
- **Gauge:** .05"
- **Links:** 54 Drive Links
- **Cutter Type:** Dual Raker-Semi Chisel
- **Safety Feature:** Low Kickback design



Figure 1: TrueCut Chainsaw Chain Loop. This image displays the coiled chainsaw chain, highlighting its individual links and cutter teeth.

2. COMPATIBILITY

This TrueCut chainsaw chain is compatible with the following Alpina chainsaw models:

- Alpina Elettra 160
- Alpina Elettra 170
- Alpina Energy 1.6
- Alpina Energy 1.8
- Alpina P360
- Alpina P370
- Alpina P390

Always verify your chainsaw's specifications (pitch, gauge, and number of drive links) against the chain's specifications to ensure proper fit and safe operation.

3. SETUP AND INSTALLATION

Safety First: Before handling the chainsaw chain, ensure the chainsaw is turned off, unplugged (if electric), or the spark plug cap is removed (if gas-powered). Wear heavy-duty gloves for protection.

1. **Prepare the Chainsaw:** Place the chainsaw on a stable, flat surface. Loosen the bar nuts and remove the clutch cover.
2. **Remove Old Chain (if applicable):** Carefully remove the old chain from the guide bar and drive sprocket. Dispose of the old chain responsibly.
3. **Install New Chain:**
 - Orient the new chain correctly. The cutting edges of the teeth should face forward, in the direction of rotation.
 - Place the chain around the drive sprocket.

- Fit the chain into the groove of the guide bar, starting from the nose of the bar and working your way back.
 - Ensure all drive links are seated properly in the bar groove.
4. **Reinstall Clutch Cover:** Slide the guide bar back onto the bar studs and align it with the chain tensioner pin. Reinstall the clutch cover and hand-tighten the bar nuts.
5. **Adjust Chain Tension:**
- Using the chain tensioning screw, adjust the tension until the chain is snug against the bottom of the guide bar, but can still be pulled freely by hand.
 - A properly tensioned chain should not sag on the underside of the bar, and you should be able to pull the drive links up slightly to see the bottom of the bar groove.
6. **Tighten Bar Nuts:** Once tension is set, fully tighten the bar nuts. Recheck tension after tightening.

4. OPERATING INSTRUCTIONS

This section provides general guidelines for operating a chainsaw with the installed chain. Always refer to your chainsaw's specific owner's manual for detailed operating procedures and safety warnings.

- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses, hearing protection, gloves, chainsaw chaps, and sturdy footwear.
- **Pre-Operation Check:** Before each use, inspect the chain for sharpness, damage, and proper tension. Ensure the chain brake is functional.
- **Lubrication:** Ensure the chainsaw's oil reservoir is filled with appropriate bar and chain oil. Proper lubrication is critical for chain longevity and performance.
- **Starting the Chainsaw:** Follow your chainsaw manufacturer's instructions for safe starting.
- **Cutting Technique:** Maintain a firm grip with both hands. Keep your body balanced and avoid overreaching. Be aware of kickback zones.
- **Stopping the Chainsaw:** Always engage the chain brake and turn off the engine/motor when moving between cuts or when finished.

5. MAINTENANCE

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

- **Sharpening:** Sharpen the chain regularly. A dull chain increases effort, causes excessive wear, and can be dangerous. Use a round file appropriate for 3/8" LP pitch chains. Maintain the correct filing angles.
- **Cleaning:** After each use, clean debris, sawdust, and resin from the chain and guide bar groove.
- **Lubrication:** Ensure continuous and adequate oil flow to the chain during operation. Check the oiler port for blockages.
- **Tension Check:** Recheck chain tension frequently, especially during the first hour of use with a new chain, as chains can stretch. Adjust as needed.
- **Inspection:** Periodically inspect the chain for damaged or missing cutters, cracked drive links, or stretched rivets. Replace the chain if significant damage is found.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Chain not cutting efficiently / Chain smoking	Dull chain, incorrect tension, insufficient lubrication	Sharpen chain, adjust tension, check oil reservoir and oiler port
Chain binds or jams	Incorrect tension (too tight), debris in bar groove, damaged chain/bar	Adjust tension, clean bar groove, inspect chain and bar for damage
Chain comes off bar	Incorrect tension (too loose), worn guide bar, damaged chain	Adjust tension, inspect guide bar for wear, replace chain if damaged
Excessive vibration	Damaged or unevenly sharpened chain, worn sprocket	Inspect and sharpen chain evenly, check drive sprocket for wear

7. SPECIFICATIONS

Attribute	Detail
Brand	TrueCut
Product Type	Aftermarket Chainsaw Chain Loop
Pitch	3/8" LP (Low Profile)
Gauge	.05"
Drive Links	54
Cutter Type	Dual Raker-Semi Chisel
Safety Feature	Low Kickback
Product Dimensions	3 x 2 x 6 inches (packaged)
Product Weight	10 ounces

8. SAFETY INFORMATION

Operating a chainsaw can be dangerous. Adhere to all safety warnings and instructions provided in your chainsaw's owner's manual and those listed below:

- Always wear appropriate personal protective equipment (PPE).
- Never operate a chainsaw with a damaged, dull, or improperly tensioned chain.
- Be aware of kickback and take precautions to avoid it.
- Ensure proper lubrication of the chain and bar during operation.
- Keep bystanders and pets at a safe distance from the work area.
- Do not operate a chainsaw when fatigued or under the influence of alcohol or drugs.
- Store chainsaws and chains safely, out of reach of children.

9. WARRANTY AND SUPPORT

For specific warranty information regarding your TrueCut chainsaw chain, please refer to the packaging or contact TrueCut customer support directly. Keep your purchase receipt as proof of purchase.

For technical assistance or further inquiries, please contact the manufacturer or retailer from whom you purchased this product.

