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TrueCut 16-inch, 3/8-inch LP, .050-inch Gauge Chainsaw Bar (Compatible with Alpina P360, P370, P390, Sinergy 35, Sinergy 40)

TrueCut Chainsaw Bar Instruction Manual

For Alpina Models P360, P370, P390, Sinergy 35, Sinergy 40

Introduction

This manual provides essential instructions for the proper installation, operation, and maintenance of your TrueCut replacement chainsaw bar. Adhering to these guidelines will help ensure safe and efficient use, and prolong the life of your chainsaw bar.

Please read this manual thoroughly before installing or using the product. Keep it for future reference.

Safety Information

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

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, gloves, and sturdy footwear.
- Ensure the chainsaw engine is off and the spark plug cap is disconnected before performing any maintenance, installation, or adjustments.
- Handle the chainsaw chain with extreme care; it is very sharp.
- Refer to your chainsaw's original manufacturer manual for specific safety instructions related to your chainsaw model.
- Keep children and bystanders away from the work area.

Product Compatibility

This TrueCut replacement chainsaw bar is compatible with the following Alpina chainsaw models:

- Alpina P360
- Alpina P370
- Alpina P390
- Alpina Sinergy 35
- Alpina Sinergy 40

Verify your chainsaw model before installation to ensure proper fitment.

Specifications

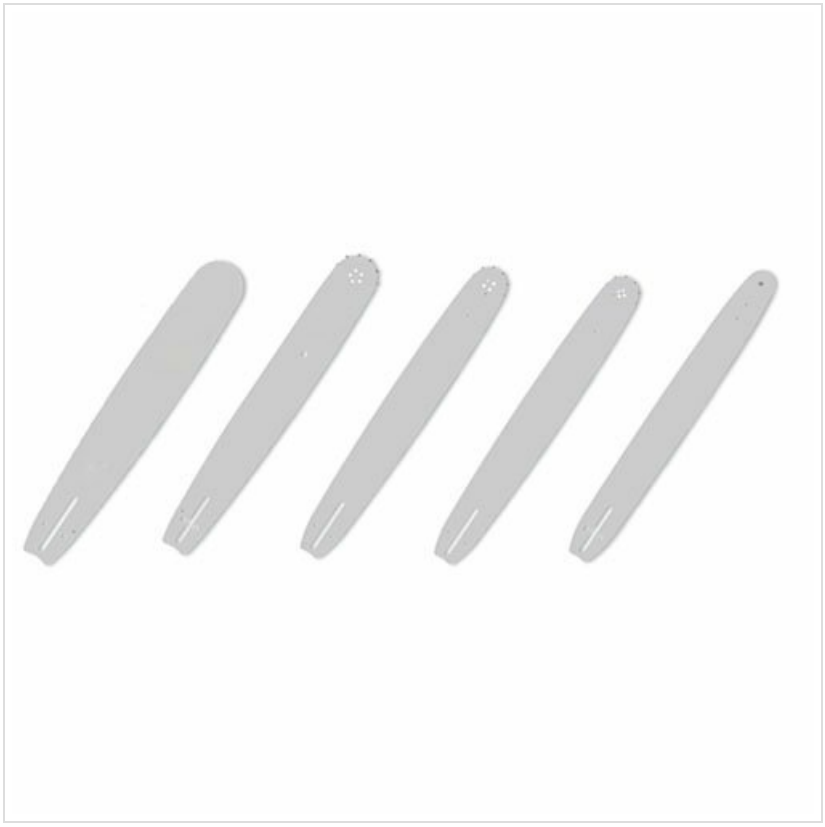


Image: A display of five TrueCut replacement chainsaw bars, illustrating their general appearance and design.

Chainsaw Bar Specifications

Feature	Detail
Bar Length	16 inches
Chain Pitch	3/8 inch Low Profile (LP) / .375 inch
Chain Gauge	.050 inch
Drive Link Count	55
Nose Sprocket Teeth	9
Approximate Item Weight	25 Ounces (1.56 Pounds)

Setup and Installation

Follow these general steps to replace your chainsaw bar. Always consult your chainsaw's specific manual for detailed instructions.

1. **Prepare for Safety:** Ensure the chainsaw engine is off, the spark plug cap is disconnected, and the chain brake is engaged. Wear protective gloves.
2. **Remove Side Cover:** Loosen the bar nuts that secure the clutch cover/side plate. Remove the cover.
3. **Remove Old Bar and Chain:** Carefully remove the old chain from the sprocket and guide bar. Then, slide the old guide bar off the mounting studs.

4. **Clean Area:** Clean any sawdust, debris, or old oil from the clutch area, bar mounting studs, and oil passages.
5. **Install New Bar:** Position the new TrueCut guide bar onto the mounting studs. Ensure the bar's oil holes align with the chainsaw's oil port.
6. **Install New Chain:** Place the new chainsaw chain around the drive sprocket and then guide it into the groove of the new bar, ensuring the cutters face the correct direction.
7. **Reinstall Side Cover:** Replace the clutch cover/side plate, but only hand-tighten the bar nuts initially.
8. **Adjust Chain Tension:** Use the chain tensioning screw to adjust the chain tension. The chain should be snug against the bar but still able to be pulled freely by hand. There should be no sag on the underside of the bar.
9. **Tighten Bar Nuts:** Once the chain tension is correct, fully tighten the bar nuts securely.
10. **Final Check:** Reconnect the spark plug cap. Briefly run the chainsaw at low speed to ensure the chain moves smoothly and oil is being delivered to the bar.

Operating Considerations

While the chainsaw bar itself does not "operate" in the traditional sense, its proper function is critical to chainsaw operation.

- **Chain Lubrication:** Ensure your chainsaw's automatic oiler is functioning correctly and that the bar and chain are receiving adequate lubrication during operation. This reduces friction and wear.
- **Chain Tension:** Regularly check and adjust chain tension. An overly loose chain can derail, while an overly tight chain can cause premature wear to the bar, chain, and sprocket.
- **Sharp Chain:** Always use a sharp chain. A dull chain puts excessive stress on the bar and can lead to inefficient cutting and kickback.

Maintenance

Regular maintenance of your chainsaw bar will extend its lifespan and ensure optimal performance.

- **Clean Bar Groove:** Periodically clean the guide bar groove to remove accumulated sawdust and debris. A bar groove cleaner tool can be used for this.
- **Check Oil Holes:** Ensure the oil holes on the bar are clear and not clogged, allowing proper lubrication to the chain.
- **Flip Bar:** To promote even wear, flip the guide bar periodically (e.g., every time you sharpen the chain or replace it). This helps distribute wear on both edges of the bar.
- **Inspect for Wear:** Regularly inspect the bar rails for burrs, uneven wear, or spreading. Light burrs can be filed smooth. If the rails are significantly worn or spread, the bar should be replaced.
- **Nose Sprocket (if applicable):** If your bar has a sprocket nose, ensure it spins freely and is not damaged. Lubricate it if recommended by the manufacturer (though many modern sprocket noses are sealed).

Troubleshooting

Here are some common issues related to the chainsaw bar and potential solutions:

Problem	Possible Cause	Solution
Chain comes off the bar frequently	Incorrect chain tension, worn bar groove, incorrect chain/bar combination	Adjust chain tension, inspect bar for wear, ensure chain and bar specifications match.
Bar overheating or smoking	Lack of lubrication, dull chain, incorrect chain tension	Check oiler function and oil holes, sharpen chain, adjust chain tension.

Problem	Possible Cause	Solution
Uneven chain wear or cutting	Worn or damaged bar rails, dull chain, improper filing	Inspect and replace bar if necessary, sharpen chain correctly.
Chain binds in the bar groove	Clogged bar groove, spread bar rails, incorrect chain gauge	Clean bar groove, replace bar if rails are spread, ensure chain gauge matches bar.

Warranty and Support

For warranty information or technical support regarding your TrueCut replacement chainsaw bar, please contact the seller or manufacturer directly. Keep your purchase receipt as proof of purchase.

Contact details for the seller can typically be found on your purchase platform or invoice.

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