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TrueCut MSA 160 Cordless, MSA 200 Cordless, MSA160C

TrueCut Chainsaw Bar Replacement Manual

For Stihl Models MSA 160 Cordless, MSA 200 Cordless, MSA160C

INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your new TrueCut replacement chainsaw bar. This bar is designed as a high-quality aftermarket replacement for specific Stihl chainsaw models, ensuring optimal performance and durability. Please read this manual thoroughly before installation and use to ensure safe and effective operation.

PRODUCT OVERVIEW AND KEY FEATURES



This image displays five chainsaw guide bars, which are essential components for guiding the saw chain during cutting

operations. Each bar is a replacement part designed for specific chainsaw models, ensuring proper fit and performance.

The TrueCut replacement chainsaw bar is engineered to meet or exceed the specifications of original equipment. Its key features include:

- **Brand New Aftermarket Replacement:** Ensures fresh, uncompromised quality for immediate use.
- **Top Quality Construction:** Manufactured with durable materials for extended lifespan and reliable performance.
- **Drive Link Count 55:** Specifically designed to accommodate chains with 55 drive links.
- **Nose Sprocket 9 Teeth:** Features a 9-tooth nose sprocket for smooth chain movement and reduced friction.

COMPATIBILITY

This TrueCut chainsaw bar is compatible with the following Stihl chainsaw models:

- Stihl MSA 160 Cordless
- Stihl MSA 200 Cordless
- Stihl MSA160C

It is designed for a 16-inch length, with a 3/8" LP (.375") pitch and .050" gauge.

SETUP AND INSTALLATION

Before beginning installation, ensure your chainsaw is turned off, unplugged (if electric), and the battery is removed (if cordless) to prevent accidental startup. Always wear appropriate safety gear, including gloves and eye protection.

Steps for Replacing the Chainsaw Bar:

1. **Prepare the Chainsaw:** Place the chainsaw on a stable, flat surface. Engage the chain brake.
2. **Remove Side Cover:** Loosen and remove the nuts holding the side cover (clutch cover) in place. Carefully remove the side cover.
3. **Remove Old Bar and Chain:** Loosen the chain tensioning screw until the chain is slack. Carefully lift the old chain off the sprocket and then remove the old guide bar.
4. **Clean Components:** Clean any sawdust, debris, or old oil from the clutch area, bar mounting studs, and chain tensioner mechanism.
5. **Install New Bar:** Slide the new TrueCut guide bar onto the bar mounting studs. Ensure the bar's slot aligns with the chain tensioner pin.
6. **Install Chain:** Place the drive links of the chain into the groove of the new guide bar. Loop the chain around the drive sprocket. Ensure the cutting edges of the chain are facing the correct direction (usually indicated by an arrow on the chain or bar).
7. **Reattach Side Cover:** Replace the side cover, ensuring the chain brake lever is correctly positioned. Hand-tighten the nuts.
8. **Tension the Chain:** While holding the tip of the bar up, tighten the chain tensioning screw until the chain is snug but can still be pulled freely around the bar by hand. The chain should not sag on the underside of the bar. A good rule of thumb is that you should be able to pull the drive links out of the bar groove by about 1/8 to 1/4 inch.
9. **Final Tightening:** Once the chain is properly tensioned, fully tighten the side cover nuts.

10. **Test:** Briefly run the chainsaw at low speed to ensure the chain moves smoothly and the tension remains correct. Re-tension if necessary after initial use, as new chains can stretch slightly.

OPERATING CONSIDERATIONS

While this manual focuses on the chainsaw bar, proper operation of the chainsaw itself is crucial for safety and efficiency. Always refer to your chainsaw's original manufacturer manual for complete operating instructions and safety guidelines.

- **Chain Lubrication:** Ensure your chainsaw's automatic oiler is functioning correctly and the oil reservoir is filled with appropriate bar and chain oil. Proper lubrication is vital for the longevity of both the bar and chain.
- **Chain Sharpness:** A sharp chain reduces strain on the bar and improves cutting performance. Regularly check and sharpen your chain.
- **Kickback Prevention:** Be aware of kickback zones and always maintain a firm grip on the chainsaw with both hands.
- **Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, gloves, chainsaw chaps, and sturdy footwear when operating a chainsaw.

MAINTENANCE

Regular maintenance of your chainsaw bar will extend its life and ensure consistent performance.

- **Clean Bar Groove:** Periodically remove the bar and clean the groove with a bar groove cleaner or a thin tool to remove accumulated sawdust and debris. This ensures proper chain movement and lubrication.
- **Check for Burrs:** Over time, the edges of the bar may develop burrs from chain friction. File these burrs off with a flat file to prevent them from interfering with chain movement.
- **Flip the Bar:** To promote even wear, flip the guide bar over periodically (e.g., every time you sharpen the chain or replace it). This distributes wear more evenly on both sides of the bar.
- **Inspect Sprocket Nose:** If your bar has a sprocket nose, ensure it spins freely and is well-lubricated. Some bars have a grease hole for this purpose.
- **Check for Wear:** Inspect the bar for signs of excessive wear, such as widening of the groove, discoloration from overheating, or bending. Replace the bar if significant wear is observed.

TROUBLESHOOTING

If you encounter issues with your chainsaw bar, consider the following common problems and solutions:

- **Chain Not Moving Smoothly or Binding:**
 - Check chain tension: Too tight or too loose.
 - Ensure bar groove is clean and free of debris.
 - Verify proper lubrication from the oiler.
 - Inspect for burrs on the bar rails.
 - Confirm the chain is correctly seated in the bar groove and around the sprocket.
- **Excessive Wear on Bar:**
 - Insufficient chain lubrication.
 - Chain tension is consistently too tight.

- Using a dull chain, which puts more stress on the bar.
- Not flipping the bar regularly to distribute wear.
- **Chain Derails Frequently:**
 - Chain tension is too loose.
 - Bar groove is worn or damaged, allowing the chain to wobble.
 - Chain is stretched or damaged.
 - Incorrect chain pitch or gauge for the bar.

SPECIFICATIONS

Attribute	Value
Brand	TrueCut
Product Type	Aftermarket Replacement Chainsaw Bar
Compatible Models	Stihl MSA 160 Cordless, MSA 200 Cordless, MSA160C
Item Length	16 Inches
Drive Link Count	55
Nose Sprocket Teeth	9
Product Dimensions	6 x 6 x 6 inches
Item Weight	1.56 Pounds
Manufacturer	Rplc Stihl
Date First Available	October 5, 2016

WARRANTY AND SUPPORT

As an aftermarket replacement part, specific warranty terms may vary. Please refer to the seller or retailer from whom you purchased this product for details regarding their return policy or any applicable warranty. For technical support or further inquiries, please contact the seller directly. For general chainsaw maintenance and operation questions, always consult your chainsaw's original manufacturer's manual or a certified service technician.