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› TrueCut Chainsaw Bar and Chain Combo Instruction Manual for Stihl MS180, MS180C, MS181, MS181C, MS190T, MS191T, MS192, MS192T

TrueCut Chainsaw Bar & Chain Combo

TrueCut Chainsaw Bar and Chain Combo Instruction Manual

For Stihl MS180, MS180C, MS181, MS181C, MS190T, MS191T, MS192, MS192T Chainsaws

1. INTRODUCTION

Thank you for choosing the TrueCut Chainsaw Bar and Chain Combo. This product is designed as a high-quality replacement part for specific Stihl chainsaw models. This manual provides essential information for the safe and correct installation, operation, and maintenance of your new bar and chain. Please read this manual thoroughly before attempting any installation or use, and retain it for future reference. Always refer to your chainsaw's original instruction manual for complete operational and safety guidelines.

2. PRODUCT OVERVIEW

The TrueCut Chainsaw Bar and Chain Combo is an aftermarket replacement designed to fit various Stihl chainsaw models. It includes one guide bar and one saw chain, engineered for efficient cutting performance. This combo features a 14-inch length, 3/8LP pitch, and .050-inch gauge, ensuring compatibility and optimal function with the specified chainsaw models.

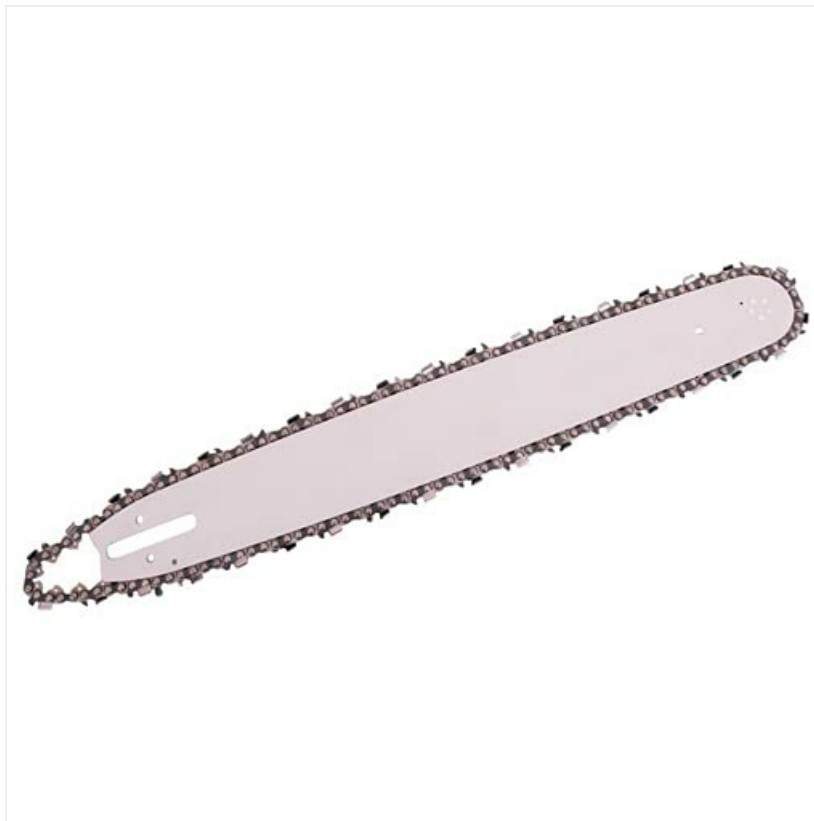


Figure 1: TrueCut 14-inch Chainsaw Bar and Chain Combo. This image displays the complete guide bar with the saw chain installed around its perimeter, ready for attachment to a chainsaw. The bar is light gray, and the chain links are dark metal.

2.1 Compatible Stihl Chainsaw Models:

- MS180
- MS180C
- MS181
- MS181C
- MS190T
- MS191T
- MS192
- MS192T

3. SAFETY INFORMATION

Working with chainsaws and their components can be hazardous. Adhere to all safety precautions to prevent injury. This section highlights general safety practices relevant to bar and chain replacement. Always consult your chainsaw's original manual for comprehensive safety instructions.

3.1 General Safety Precautions:

- **Always wear appropriate personal protective equipment (PPE)**, including safety glasses, gloves, and sturdy footwear, when handling chainsaw components.
- **Ensure the chainsaw engine is off and the spark plug cap is removed** before performing any maintenance, installation, or adjustment. This prevents accidental starting.
- **Allow the chainsaw to cool down** before handling the bar and chain, as they can become hot during operation.
- **Handle the saw chain with extreme care** as it is very sharp.

- **Keep children and bystanders away** from the work area.

4. INSTALLATION (SETUP)

Follow these steps to correctly install the TrueCut Chainsaw Bar and Chain Combo on your compatible Stihl chainsaw. Refer to your chainsaw's specific manual for detailed instructions on removing the clutch cover and tensioning system.

4.1 Tools Required:

- Chainsaw wrench (typically included with your chainsaw)
- Work gloves

4.2 Installation Steps:

1. **Prepare the Chainsaw:** Ensure the chainsaw is turned off, the spark plug cap is disconnected, and the chain brake is disengaged. Place the chainsaw on a stable, flat surface.
2. **Remove Clutch Cover:** Use the chainsaw wrench to loosen and remove the nuts securing the clutch cover. Carefully remove the clutch cover and the old guide bar and chain, if present.
3. **Clean Components:** Clean any sawdust, debris, or old oil from the clutch area, the bar mounting studs, and the chain tensioner mechanism.
4. **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.
5. **Install New Chain:** Carefully place the new saw chain around the drive sprocket, then guide it into the groove of the guide bar. Ensure the cutting edges of the chain are facing the correct direction (usually indicated by an arrow on the chain or by the manufacturer's manual).
6. **Reattach Clutch Cover:** Replace the clutch cover, ensuring the chain tensioner pin engages correctly with the bar. Hand-tighten the nuts, but do not fully tighten them yet.
7. **Adjust Chain Tension:** Locate the chain tensioning screw (usually on the side of the chainsaw or through a hole in the clutch cover). Turn the screw to adjust the chain tension. The chain should be snug against the bottom of the guide bar, but still able to be pulled freely by hand around the bar. There should be no slack on the underside of the bar, and the drive links should not come out of the bar groove.
8. **Final Tightening:** Once the chain tension is correct, fully tighten the clutch cover nuts with the chainsaw wrench. Recheck chain tension after tightening, as it can sometimes change.
9. **Lubrication Check:** Ensure the chainsaw's oil reservoir is filled with appropriate bar and chain oil.

5. OPERATION

While this manual focuses on the bar and chain, proper operation of the chainsaw is crucial for safety and performance. Always refer to your Stihl chainsaw's original instruction manual for detailed operating procedures.

5.1 Pre-Operation Checks:

- **Chain Tension:** Verify the chain tension is correct before each use and periodically during extended operation. A loose chain can derail, and an overly tight chain can cause premature wear and damage.
- **Chain Lubrication:** Ensure the bar and chain oil reservoir is full. The oil pump should be functioning, providing continuous lubrication to the bar and chain during operation.
- **Chain Sharpness:** A sharp chain cuts efficiently and safely. Do not operate with a dull chain.

6. MAINTENANCE

Regular maintenance of your TrueCut bar and chain will extend its lifespan and ensure safe, effective cutting.

6.1 After Each Use:

- **Clean the Bar:** Remove the bar and chain. Clean the guide bar groove and oil holes to ensure proper lubrication flow. Use a bar groove cleaner or a thin tool to remove packed sawdust.
- **Inspect the Bar:** Check the guide bar for burrs on the rails, excessive wear, or damage. File down any burrs with a flat file.
- **Inspect the Chain:** Check the chain for dullness, damage, or missing cutters. Replace damaged chains immediately.

6.2 Periodic Maintenance:

- **Bar Rotation:** To promote even wear, rotate the guide bar periodically (e.g., every 8-10 hours of use) when reinstalling the chain.
- **Chain Sharpening:** Sharpen the chain regularly using appropriate files and guides. If you are unsure, have it professionally sharpened. A sharp chain is safer and more efficient.
- **Sprocket Nose Maintenance:** If your guide bar has a sprocket nose, ensure it is clean and lubricated (if applicable, some are sealed).

7. TROUBLESHOOTING

This section addresses common issues related to the chainsaw bar and chain. For chainsaw engine or other mechanical problems, consult your chainsaw's original manual or a qualified service technician.

Problem	Possible Cause	Solution
Chain not cutting efficiently	Dull chain, incorrect chain tension, insufficient oil.	Sharpen chain, adjust tension, check oil level and oil pump function.
Chain derails from bar	Loose chain tension, worn guide bar groove, incorrect chain/bar combination.	Adjust chain tension, inspect guide bar for wear, ensure correct bar/chain for chainsaw model.
Bar or chain overheating/smoking	Insufficient lubrication, overly tight chain, dull chain, clogged oil holes.	Check oil level and pump, adjust chain tension, sharpen chain, clean bar groove and oil holes.
Uneven cutting	Unevenly sharpened chain, worn guide bar rails.	Resharpen chain evenly, inspect and potentially replace guide bar if rails are significantly worn.

8. SPECIFICATIONS

The following specifications apply to the TrueCut Chainsaw Bar and Chain Combo:

- **Brand:** TrueCut
- **Product Type:** Chainsaw Bar & Chain Combo (Aftermarket Replacement)
- **Bar Length:** 14 Inches
- **Chain Length:** 14 Inches
- **Chain Pitch:** 0.38 Inches (3/8LP)
- **Chain Gauge:** 0.050 Inches
- **Chain Type:** Full Complement
- **Compatible Stihl Models:** MS180, MS180C, MS181, MS181C, MS190T, MS191T, MS192, MS192T

- **Approximate Product Dimensions:** 6 x 6 x 6 inches
- **Approximate Item Weight:** 5 ounces

9. WARRANTY AND SUPPORT

For information regarding the warranty of your TrueCut Chainsaw Bar and Chain Combo, please contact the seller or manufacturer directly. Warranty terms and conditions may vary.

If you encounter any issues or require further assistance with the installation or maintenance of this product, please reach out to the point of purchase or the TrueCut customer support channels for guidance.